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# INDEX

## FAUNÆ NOVÆ ZEALANDIÆ

EDITED BY

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## P R E F A C E.

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SINCE the publication of Dieffenbach's *Travels in New Zealand*, no list has been published of the animals inhabiting New Zealand and the neighbouring seas, although during the last sixty years our knowledge of them has increased very much. Under these circumstances, most of the zoologists in New Zealand have come to the conclusion that the time has arrived for making such a list—to be called *Index Faunæ Novæ Zealandiæ*—and last year they requested me to undertake the editorship. This I willingly did, as I was already assured of the help of all New Zealand zoologists. The Board of Governors of the New Zealand Institute was asked to publish a small edition of the work; but as it declined to do so, the Philosophical Institute of Canterbury, being generously supported by the Otago Institute, undertook the responsibility.

Mr. H. Suter, of Auckland, has supplied the Mollusca; Capt. T. Broun, of Auckland, the Coleoptera. Mr. P. Cameron, of England, has sent a list of the Hymenoptera. Prof. C. Chilton, of Christchurch, and Mr. G. M. Thomson, of Dunedin, have supplied the Crustacea. Professor Benham, of Dunedin, has furnished the Annulata and other Worms, except the terrestrial Turbellarians, which was drawn up by Professor Dendy, of Christchurch, who also supplied a list of the Holothurians. Mr. H. Farquhar, of Wellington, has revised the Echinoidea, Star-fishes, and Hydrozoa. Mr. F. W. Hilgendorf, of Lincoln, has given me a list of the Rotifera; and Prof. H. B. Kirk, of Wellington, has supplied the Porifera.

The list—as its name implies—is an index only. It does not attempt to give complete references, but merely refers to one or more publications in which lists of synonyms, or descriptions, may be found. Also it is only a record, not a revision; and the only changes made in nomenclature are a few generic names, in the Diptera and Coleoptera, which have been substituted for others which are preoccupied. No doubt a complete list of references would have been very useful to the users of the book, but the expense would have been too great; and we hope that the Government may, some day, bring out a more perfect edition.

The area included in the Index is from the Kermadec Islands, in the north, to Macquarie Island, in the south; and it takes in Stations 165 to 171 of the Challenger Expedition.

No species introduced by human agency, either intentionally or unintentionally, are admitted; but a list of them is given as an appendix. No doubt this list is very imperfect, and must be looked upon as a first attempt only. For help in it I have especially to mention Mr. Suter, for the Land Mollusca; Captain Broun, Mr. J. J. Walker, R.N., and Dr. Swale, for the Coleoptera; and Professor Benham for the Earth-worms. Mr. Hilgendorf has supplied a general list, including the Aphidæ. It has been a labour of love for us all, and I wish heartily to thank all those who have helped me, and without whose assistance the Index could not have been completed. But especially I wish to thank Prof. Chilton for the trouble he has taken in helping me to correct the proofs.

F. W. HUTTON.

*Canterbury Museum, Christchurch, N.Z.*

*December 1903.*

## LIST OF ABBREVIATIONS.

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A.M.N.H.—Annals and Magazine of Natural History.

C.B.M.—Catalogue of the British Museum.

C.M.M.N.Z.—Catalogue of the Marine Mollusca of N.Z., Wellington, 1873.

J.L.S.—Journal of the Linnaean Society of London. Zoology.

MAN. CONCH.—Tryon and Pilsbry's Manual of Conchology.

M.N.Z.Col.—Manual of the New Zealand Coleoptera, Wellington, 1880-93.

N.Z.J.S.—New Zealand Journal of Science, Dunedin.

P.L.S.N.S.W.—Proceedings of the Linnaean Society of New South Wales.

P.Z.S.—Proceedings of the Zoological Society of London.

T.E.S.—Transactions of the Entomological Society of London.

T.N.Z.I.—Transactions of the New Zealand Institute.

Q.J.M.S.—Quarterly Journal of the Microscopical Society of London.

## CORRECTIONS.

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Page 28, *for* Mahua *read* Mohua.

- „ 41, *omit* Lirus porosus.
- „ 48, *for* Duymræia *read* Duymæra.
- „ 80, *for* Aclia *read* Aclis.
- „ 94, *for* Lithophago *read* Lithophaga.
- „ 101, *for* Amblytetes *read* Amblytelus.
- „ 102, *for* Rhyssus *read* Rhysa.
- „ 115, *for* Protenia *read* Proternia.
- „ 123, *for* Dolichermis *read* Dolichernis.

# C O N T E N T S.

	PAGE		PAGE
<b>INTRODUCTION—</b>		<b>ARTHROPODA (<i>cont.</i>)—</b>	
HISTORICAL . . . . .	1	ORTHOPTERA . . . . .	231
ELEMENTS OF THE FAUNA	4	APTERA . . . . .	234
N.Z. NOT AN OCEANIC IS-		MYRIAPODA . . . . .	234
LAND . . . . .	11	ONYCHOPHORA . . . . .	236
OUTSIDE EVIDENCE . . . . .	12	ARACHNIDA . . . . .	236
DATE OF ISOLATION . . . . .	13	MALACOSTRACA . . . . .	247
GEOLOGICAL EVIDENCE . . . . .	16	ENTOMOSTRACA . . . . .	266
OUTLYING ISLANDS . . . . .	19		
BIBLIOGRAPHY . . . . .	21		
<b>CHORDATA—</b>		<b>ANNULATA—</b>	
MAMMALIA . . . . .	25	POLYCHÆTA . . . . .	276
AVES . . . . .	27	ECHIUROIDEA . . . . .	283
REPTILIA . . . . .	39	OLIGOCHÆTA . . . . .	283
AMPHIBIA . . . . .	40	MYZOSTOMIDA . . . . .	285
PISCES . . . . .	40	SIPUNCULACEA . . . . .	285
CYCLOSTOMATA . . . . .	55	HIRUDINEA . . . . .	285
LEPTOCARDII . . . . .	55		
TUNICATA . . . . .	55		
HEMICORDA . . . . .	56		
<b>MOLLUSCA—</b>		<b>ECHINODERMATA—</b>	
CEPHALOPODA . . . . .	57	HOLOTHUROIDEA . . . . .	286
GASTEROPODA . . . . .	58	ECHINOIDEA . . . . .	287
SCAPHOPODA . . . . .	85	OPHIUROIDEA . . . . .	289
AMPHINEURA . . . . .	86	CRINOIDEA . . . . .	290
PELECYPODA . . . . .	87	ASTEROIDEA . . . . .	291
<b>ARTHROPODA—</b>		<b>MOLLUSCOIDA—</b>	
HYMENOPTERA . . . . .	96	BRACHIOPODA . . . . .	293
LEPIDOPTERA . . . . .	103	POLYZOA . . . . .	293
DIPTERA . . . . .	126		
COLEOPTERA . . . . .	138		
HEMIPTERA . . . . .	221		
NEUROPTERA . . . . .	228		
		<b>TROCHELMINTHES—</b>	
		ROTIFERA . . . . .	300
		<b>NEMATELMINTHES—</b>	
		NEMATOIDEA . . . . .	303
		GORDIACEA . . . . .	304
		ACANTHOCEPHALA . . . . .	304
		CHÆTOGNATHA . . . . .	305

	PAGE		PAGE
<b>PLATYHELMINTHES—</b>		<b>ADDITIONS . . . . .</b>	<b>341</b>
TURBELLARIA . . . . .	306	NATURALISED ANIMALS—	
TEMNOCEPHALOIDEA . . . . .	308	MAMMALIA . . . . .	347
TREMATODA . . . . .	308	AVES . . . . .	347
CESTOIDEA . . . . .	310	AMPHIBIA . . . . .	348
NEMERTINI . . . . .	312	PISCES . . . . .	348
<b>CŒLENTERATA—</b>		MOLLUSCA . . . . .	348
CTENOPHORA . . . . .	314	HYMENOPTERA . . . . .	349
ACTINOZOA . . . . .	314	LEPIDOPTERA . . . . .	349
SCYPHOZOA . . . . .	316	DIPTERA . . . . .	350
HYDROZOA . . . . .	317	COLEOPTERA . . . . .	351
<b>PORIFERA—</b>		HEMIPTERA . . . . .	352
CALCAREA . . . . .	322	ORTHOPTERA . . . . .	353
SILICEA . . . . .	323	NEUROPTERA . . . . .	354
<b>PROTOZOA—</b>		APTERA . . . . .	354
INFUSORIA . . . . .	327	ARACHNIDA . . . . .	354
MASTIGOPHORA . . . . .	331	CRUSTACEA . . . . .	354
RHIZOPODA . . . . .	333	OLIGOCHÆTA . . . . .	355
		TURBELLARIA . . . . .	355
		INDEX TO THE GENERA	357

## INTRODUCTION.

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### HISTORICAL.

THE foundation of our knowledge of the fauna of New Zealand was laid by the naturalists who accompanied Captain Cook in his first and second voyages round the world. In the first voyage (1769-70) Sir Joseph Banks and Dr. Solander were the naturalists and Mr. S. Parkinson was the artist. In the second voyage (1773-4) Dr. J. R. Forster was the naturalist and his son George was the artist. The information thus obtained at so much labour was nearly lost to the world by the Government declining to publish the results. The original drawings of Mr. S. Parkinson and Mr. G. Forster, as well as the manuscript notes of Dr. Solander, are still in the British Museum.

The birds were described, from Parkinson's and Forster's drawings, by Latham in 1781-92, in his *General Synopsis of Birds*; and these descriptions were incorporated by Gmelin in his edition of the *Systema Naturae Linnei*, 1788, when scientific names were given to the species. The manuscript of Dr. Forster's description of the fishes was published by Schneider in his edition of Bloch's *Systema Ichthyologiae*, generally with Forster's own names, but sometimes with new ones, and ultimately Forster's descriptions of both birds and fishes were published in Berlin in 1844, under the name of *Descriptiones Animalium quæ in itinere ad maris australis terras per annos 1772, 1773 et 1774 suscepto collegit, observavit et delineavit Joannes Reinhold Forster*.

The few insects brought home by Sir Joseph Banks were described in 1774-5 by Fabricius, and some of the types are retained in the British Museum. Dr. Solander described a few

shells in 1784; and others, collected by the Forsters, were described by Chemnitz in 1781-8, and Martyn in 1784.

All this has complicated the nomenclature a good deal. Speaking of the Fishes Dr. Gill says: 'It is to be remarked that some of the species described by Forster have each received two names. Schneider, with the propensity common in his time to change a name because it did not seem to be as good a one as could be given, substituting for Forster's one of his own which suited him better. Nevertheless, Forster's, in every case but one, was also given. Forster's names were therefore actually published at the same time as Schneider's and in connection with Forster's own descriptions. Whose names, then, shall be adopted —Forster's or Schneider's? Opinion has differed on this point, some accepting Forster's, others Schneider's.\*

The next contribution to our knowledge was made when the French corvette *Coquille* visited the Bay of Islands in 1822, when the naturalists on board, MM. Lesson and Garnot, added three new species of birds to our fauna.

In 1827 the same ship, but now named the *Astrolabe*, examined all our outlying islands, and remained for some time in Queen Charlotte's Sound. The naturalists, MM. Quoy and Gaimard, were assiduous collectors, especially of Mollusks, and their results were published by the French Government in 1833.

In 1840 Dr. E. Dieffenbach travelled through the North Island of New Zealand and the Chatham Islands for the New Zealand Company, and the collections he brought back with him were described by Dr. J. Gray and Dr. Richardson in the appendix to Dieffenbach's travels. In this book also Dr. J. Gray, Director of the British Museum, gave a list of the then known fauna of New Zealand.

In the same year the United States Exploring Expedition, under Captain Wilkes, visited Akaroa and the Bay of Islands, and the birds collected were described by Peale in 1848; the shells by Aug. Gould in 1852; the Crustacea by J. D. Dana in 1855.

In 1841 the French ships *Astrolabe* and *Zélée* visited the Auckland Islands, Port Chalmers, Akaroa, and the Bay of Islands. The records of this voyage, called *Voyage au pôle Sud*, were pub-

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\* *Memoirs of Nat. Acad. Sciences, Washington*, vi. p. 95.

lished between 1841 and 1846, the natural history portion being by Hombron and Jacquinot. The New Zealand collections consisted of birds, shells, crabs, and beetles.

In the same year, 1841, H.M.S. *Erebus* and *Terror*, under the command of Sir James Ross, visited Campbell Island, the Auckland Islands, and the Bay of Islands, and the zoological results of the voyage were partly published in 1846. This included the Mammals by Dr. J. Gray, the Birds by Mr. G. Gray, the Fishes by Sir John Richardson, and part of the Insects by Mr. A. White. The publication was then interrupted for want of funds, but was completed in 1874, Mr. A. G. Butler taking the remainder of the Insects, Mr. E. J. Miers the Crustacea, and Mr. E. A. Smith the Mollusca.

By this time the colony had been established in the north, and some of the residents of Auckland collected and sent their specimens to the British Museum. The principal of these were Dr. Greenwood, who collected land shells, and Colonel Bolton, who collected insects. The insects were described by Mr. F. Walker, in his catalogues of the insects in the British Museum; and the shells partly by Dr. J. Gray and partly by M. Pfeiffer, in the *Proceedings of the Zoological Society* and the *Malakozoologische Blätter*.

During the years 1847-9 H.M.S. *Acheron* was engaged surveying the coast of the islands, and the surgeon, Dr. Lyall, made a collection of Polyzoa, which were described by Mr. G. Busk in his catalogue of the Polyzoa in the British Museum.

In 1859 the Austrian frigate *Novara* visited Auckland, and descriptions of the zoological collections were published in Vienna in 1864-9. Unfortunately sufficient care was not taken to keep the New Zealand collections separate from those made in Australia and other parts of the world, and this has led to much confusion.

H.M.S. *Challenger* visited Wellington in 1874, and the collections, chiefly of deep-sea animals, were described in the well-known series of '*Challenger*' Reports.

In the same year, 1874, the French Transit of Venus Expedition established a station on Campbell Island, and the naturalist of the expedition, Dr. H. Filhol, collected and examined the animals. Subsequently he made a collecting tour in several parts of New Zealand, and the results were published in 1885 in the *Mission de l'île Campbell*. The anatomy of the penguins, and a

catalogue of the New Zealand Crustacea are the most important papers.

The German expedition for the same object visited Auckland Island, when Dr. Krone collected a few Diptera and land Mollusca.

In 1879 Mr. E. Meyrick visited New Zealand, and for several years collected and described the Lepidoptera.

Meantime local naturalists had been very active. The New Zealand Institute was established in 1868, and its annual volume has always contained valuable contributions to the zoology of New Zealand.

Several descriptive catalogues, by different authors, were published between 1871 and 1880. The first edition of Sir W. Buller's *Birds of New Zealand* appeared in 1873, the second edition in 1888. Mr. G. V. Hudson's *New Zealand Moths and Butterflies* in 1898. Other papers, in various publications, will be found mentioned in the index.

#### ELEMENTS OF THE NEW ZEALAND FAUNA.

Omitting a few stragglers among the birds, fishes, and butterflies, which have failed to establish themselves, the New Zealand fauna consists of two parts, one migratory, the other stationary.

The migratory portion, which is very small, includes two cuckoos and three or four species of *Limicolæ*, which reach us every October from the north through New Caledonia and Lord Howe Island, and leave in or about March.\*

Among the list of fishes several names will be found of forms which are properly inhabitants of warmer seas than those of New Zealand, and are, no doubt, wanderers from the north. Such are *Lampris*, *Brama*, *Sphyraena*, *Muraena*, and *Ophisaurus*. The Mackerel (*S. australasicus*) and the Sprat (*C. antipodum*) are irregular visitors to our coasts; while two species, the Kingfish (*Seriola lalandii*), and the Trevally (*Caranx georgianus*), appear to perform a regular migration, leaving us in the winter for the north. But very little is as yet known of their movements.

Of our fresh-water fishes, *Retropinna richardsoni*, *Galaxias attenuatus*, and the Eels (*Anguilla*) migrate to the sea to spawn, and the young fish ascend the rivers in the spring. The Lamprey

\* *Trans. N. Z. Inst.* vol. xxxii. p. 251.

(*Geotria*) breeds in the fresh water, but the young go down to the sea and reascend the rivers, while immature, in the spring, remaining there to breed. *Prototroctes* breeds in fresh water, and probably never goes to sea. The other species of *Galaxias* and *Eleotris* remain in fresh water all their lives.

The stationary portion forms the bulk of the fauna; and it may be divided into a small aboriginal element, including species which have no near relatives elsewhere, and larger Malayan, Australian, and Antarctic elements, as well as several other smaller ones. In many cases, however, it is hard to say in which group a species should be placed, for its relations are so widely scattered. Taking a broad view of the whole fauna, however, it may be said that the terrestrial portion is chiefly of Malayan origin, but with rather strong Palaeartic and Neo-tropical connections. The fresh-water fishes and crustacea are chiefly Australian and South American, while the relations of the fresh-water mollusca are not known to me. The marine fauna is chiefly Australian and Antarctic.

I will give a short account of each of these different elements.

*The Aboriginal Element.*—Includes the Short-tailed Bat (*Mystacops*), the Tuatara (*Sphenodon*), and the Kiwi (*Apteryx*). To which may be added the following birds: *Glaucopis*, *Heteralocha*, *Turnagra*, *Xenicus*, *Stringops*, and *Nestor*. Also the land mollusk *Carthea*; and the following among the insects: *Oniscigaster*, *Orectognathes*, *Paradetis*, *Notoreas*, *Paleomicra*, *Mneoarchaea*, *Arctoneura*, *Casa*, *Paradoxa*, *Opifex*, *Tinemysia*, *Fraudator*, *Ostenia*, *Exsul*, *Brounia*, *Camiarus*, *Epistranus*, *Cyphotelus*, *Alema*, *Peneticus*, *Aphilon*, *Lorelus*, *Astetholes*, *Gastrosarus*, and others. It is not necessary to assume that all these aborigines date their arrival in New Zealand at the same time, for some may have become modified more rapidly than others. But most of them appear to belong to old forms, and probably they were among the first comers.

*The Malayan and Melanesian Element.*—This embraces nearly the whole of our land fauna, and a considerable portion of the marine fauna as well. I should define it as including all those species which have their nearest relatives in New Caledonia, New Guinea, or the Malay Archipelago; and whose ancestors, presumably, came to New Zealand from the north. It includes all the land birds—except those just mentioned, and *Zosterops*—all

lizards,\* some fishes like *Erythricthys*, *Parapercis*, and *Eleotris*. Nearly the whole of the land Mollusca, including *Endodonta*, *Placostylus*, *Rhytida*, *Athoracophorus*, also many marine and fresh-water shells, *Monilea*, *Xenophora*, *Unio*, and a very large number of insects, including the whole of the *Phasmidæ* and *Stenopelmatidæ*. The Katipo Spider (*Latrodectes*) must also be included in this group, for it is found not only in Australia, but in the Malay Archipelago and India. There is also a closely allied form in Chili. *Scyphax*, a terrestrial isopod, occurs only in New Zealand and New Caledonia. *Armadillo* also is distinctly Melanesian.

*The Ethiopian Element.*—This is small, but remarkable. Most noticeable is the relation between the extinct *Dinornithidæ* and the also extinct *Æpiornithidæ* of Madagascar. Our Fern-bird (*Sphenæacus*) belongs to a genus which is found only in New Zealand and South Africa, but it has a near ally in Madagascar. There is a curious and easily recognised beetle, called *Sternaula*\*, which is also only found in New Zealand and Madagascar. And perhaps we should include the marine shell *Littorina mauritiana*, although it is also found in Australia.

*The Oriental Element.*—This includes species which have nearer relatives in the Oriental region than in the Malay Archipelago. Our tree lizards belong to a genus, *Hoplodactylus*, found only in New Zealand, Queensland, and India; but there are some related forms in New Caledonia and the Malay Archipelago. Our frog, *Leiopelma*, has its nearest relative in China, and there are no known representatives of the family to which it belongs either in Australia or in the Malay Archipelago. The black butterfly, *Percnodaimon*, is a north temperate alpine form, and is said to have its nearest relative in the Himalaya. Also the May fly, *Ichthybotus*, is close to *Ephemera* of the northern temperate regions and India. The genus of marine shells, *Ethalia*, is not found nearer to New Zealand than Borneo.

Probably both the Ethiopian and Oriental elements ought to be placed with the Malayan element, the connecting links in the Malayan Archipelago having been exterminated or not yet found.

*The Australian Element.*—This I take to mean those species

\* *Gehyra oceanica* may have been brought to New Zealand by the Maoris in their canoes, among the food stores. For undoubtedly it is by this means that it has become distributed through the islands of the Pacific Ocean.

which have nearer relations in Australia or Tasmania than in any other part of the world, and which we may suppose came to New Zealand from the west. The Australian element in New Zealand does not include any species connected with the ancient typical Australian fauna, but is entirely made up of forms belonging to the Malayan element in the Australian fauna which overran Australia and Polynesia at a comparatively late date.

We have, therefore, two possible explanations of our Australian connection. Either (1) the ancestors of our animals crossed the Tasman sea and so came to us from the west, or (2) the relationship may be due to two branches of northern immigrants from New Guinea, one taking the line to Australia, the other to New Zealand. The first group forms the true Australian element, while the second group ought properly to be placed with the Malayan element; but it is not always easy to say from which direction the ancestors of our animals came. For example, the marine spider, *Uliodon maritima*, was first found in New Zealand and then in New South Wales, and was of course considered as belonging to the Australian element, but it has lately been found in New Caledonia.

I should select as examples of the Australian element the bat, *Chalinolobus morio*; and among birds, *Zosterops caerulescens*, *Haematopus unicolor*, and *Spatula rhynchos*; several marine fishes, e.g., *Arripis* and *Latris*; the land-shell, *Laoma*; some marine mollusca, like *Megatebenus*; some crabs, such as *Paramithrax*, *Nectocarcinus*, and *Ozius truncatus*. The fresh-water isopod, *Phreatoicus*, and two or three land isopods; beetles like *Pyronota*, *Adelium*, *Chrosis*, and others; several moths, and perhaps the Land Planarians. *Diporochæta*, an earthworm from the Chatham Islands, may perhaps be added, although it is far more probable that these worms came to us by land from the north. There are also several species of Myriapods common to New Zealand and Australia or Tasmania, but these are easily conveyed in fruit, and may be late introductions.

When we consider that Tasmania and the South Island of New Zealand are in the region of strong westerly winds, and that gales are constantly traversing the Tasman Sea, we should expect to find the Australian element much stronger than it really is.

*The Antarctic Element.*—These are the animals whose ancestors we suppose came to New Zealand from the south or east, as we find that their relations are confined to southern latitudes. It

contains chiefly marine forms, such as seals, penguins, cormorants, and the black-backed gull, as well, perhaps, as the black oyster-catcher. There are also several fishes, both fresh-water and marine. The former comprise *Cheimarichthys*, *Prototroctes*, *Galaxias*, and *Geotria*, but as a close relation to *Galaxias*—called *Cromeria*—has lately been found in the Upper Nile, and a *Galaxias* in South Africa, we must reconsider our opinions about that genus. *Galaxias attenuatus* and the Lamprey are migratory, spending some parts of their lives in the sea. Of the marine Antarctic fishes we have *Notothenia*, *Bovichtys*, *Congiopodus*, *Genypterus*, *Gonorhynchus* and *Callorhynchus*. There are also several Antarctic crustaceans, such as *Cyclograpns*, *Halicarcinus planatus*, *Rhynchocinetes typus*, *Leander affinis* and *Sphaeroma gigas*.

Of marine mollusca there are *Ranella argus*, *Struthiolaria*, *Plaxiphora*, *Callochiton*, *Venus stutchburyi*, *Solenella australis*, *Mytilus magellanicus*, and others. Also our Brachiopods are more closely related to those of the Straits of Magellan than they are to the Brachiopods of Tasmania. The family of earthworms called *Acanthodrilidæ* is abundant in New Zealand, Patagonia, South Africa, and Kergueien Land, while it is almost absent from Australia and Tasmania. It occurs, however, in New Caledonia, India, and the West Indian Islands, and so can hardly be considered as of Antarctic origin.

There may also be a few land invertebrates belonging to the Antarctic element, for the spider, *Tetragnatha gulosa*, is said to be found in the Chatham Islands, as well as in the island of St. Paul, but it may have been brought by a whaler.

I know of no insects that have a true Antarctic distribution.

*The Neo-tropical Element.*—The Merganser of the Auckland Islands has its nearest relative in Brazil. Our Blue Duck, *Hymenolæmus*, forms, with *Salvadorina* of Waigou and *Merganetta* of the Andes, a distinct sub-family. And if Mr. Pycraft is right in his opinion that the *Dinornithidæ* are more closely allied to the Rhea than to the Cassowary or Emu,\* then this evidence must be added to the rest connecting New Zealand with South America, and perhaps Madagascar.

The Neo-tropical element is tolerably abundant in our insects. The Crane-fly, *Tanyderus*, is found in Amboina and Chili, while

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\* *Trans. Zool. Soc.* xv. p. 264.

*Macromastix* is Australian as well as Chilian. Our large Dragonfly, *Uropetala*, is related to *Petalura* of Australia, and *Phenes* of Chili. In the Coleoptera there are the genera *Tropopterus* and *Lagrioda*. In the Lepidoptera we have the butterfly *Argyrophenga*, and the moths *Gonophylla*, *Drepanodes*, and other of the *Notodontina*, which are more nearly related to Chilian species than to those of Australia, as also are the species of *Diptychophora* and *Siculodes* in the *Pyralidina*. Our fresh-water Crayfish, *Paranephrops*, is also closely related to those of Australia and South America.

The earthworms of the genus *Microsolex* are chiefly South American, but they are found in California and Madeira as well. The distribution of the little fresh-water, external parasitic worms called *Temnocephala* is very instructive. They occur not only in New Zealand and Australia but also in Mexico, Brazil, and Chili, as well as in the Malay Archipelago, the Philippine Islands, and Madagascar. They usually live on fresh-water crayfish; but in the Malay Archipelago they live upon fresh-water crabs; and in Brazil on fresh-water Chelonians and on *Ampullaria*. In both these places there are no fresh-water crayfish.

*The Nearctic Element*.—We find a small Nearctic element in the May-flies, *Coloburiscus* and *Ameletus*, found only in New Zealand and North America. Also in the fresh-water shell *Latia*, which is living in New Zealand and fossil in North America. It is closely related to *Gundlachia*, which inhabits Tasmania and North America. The little leach *Microbdella Novæ Zealandiæ* is also congeneric with a species from North Carolina.

*The Palearctic Element*.—We have also some animals which show a close connection with species of Europe and Northern Asia, but which have no nearer relatives in the tropics. These includes the so-called bipolar forms, most of which are marine.

Among the whales we have the species of *Balaenoptera* and *Ziphius cavirostris*, and perhaps all the southern baleen whales should be included. The Black Teal (*Fuligula Novæ Zealandiæ*) must also be looked upon as a bipolar form; and it has a companion in the extinct *Anas (?) finschi*, which, according to Van Beneden, is closely allied to *Clangula*.

Among the fishes we have some deep-sea forms like *Halogymnus johnstoni*, *Alepisaurus ferox*, *Argentina*, and *Lepidopus caudatus*. But others do not inhabit the deep sea, e.g., *Zeus faber*, *Cyttus*, *Polyprion*, *Conger vulgaris*, *Scymnus lichia*, *Echinorhinus*

*spinosus*, and *Acanthias vulgaris*. There are also a few crustacea and mollusca, such as *Saxicava artica* and *Mytilus edulis*, as well as many polyzoa, of which the southern forms are considered to be identical with those inhabiting the northern seas.

But bipolar species are not exclusively marine. *Retropinna* belongs to the northern *Salmonidæ*. The fresh-water spider *Cambridgea* is almost identical with *Argyroneta* of Europe. *Lycosa piratica* is also found in New Zealand under conditions which make its importation by man very improbable. *Brachaspis*, a flightless grasshopper, is related to *Pezotettix*; and among the beetles there are *Cillenum*, *Trogophlaeus*, *Pycnomerus*, *Philothermus*, *Dendrophagus*, *Tilmatophilus*, *Betarmon*, and others.

Attempts have been made to account for the Scandinavian element in the New Zealand flora by the supposition of a general glacial epoch all over the world, during which the Arctic plants passed from mountain top to mountain top through the tropics. But it is now considered very doubtful if there ever was a general glacial epoch, and even if there was one it could not explain the occurrence in New Zealand of northern beetles, grasshoppers, and spiders. It seems more probable that these bipolar forms at some former time inhabited the tropics; but that owing to variation and change being more rapid in warm than in cold climates—a statement not yet proved—the older forms were exterminated in the warmer regions, being replaced by their more highly developed descendants, the present tropical fauna.

*The Atlantic Island Element*.—Lastly we see in some of the beetles a remarkable connection between the islands of the Atlantic and those of the Pacific, in which New Zealand shares. This is shown by the genera *Rhynchogonus*, *Acalles*, *Pentararthrum*, and *Aglycyderes*, all belonging to the *Rhynchophora*; and *Xenoscelis*, belonging to the *Nitulidæ*. It is most probable that these, also, are relics of a former more universal distribution; the islands serving as harbours of refuge, while their continental relations were exterminated.

*Of Uncertain Origin*.—The distribution of *Peripatus* is difficult to explain, as it is found in the West Indies, Central and South America, and South Africa, as well as in the Malay Peninsula, New Britain, Australia, and New Zealand. It is supposed to have originated in Central America, and to have migrated from thence. If this is correct, it could not have reached Chili before the Miocene period, for before that time

South America was isolated from the North. At any rate it cannot be considered as an Antarctic form, and I am inclined to place it in the Neo-tropical element.

#### NEW ZEALAND NOT AN OCEANIC ISLAND.

An examination of the pages of this Index will show that the New Zealand fauna is not altogether an insular one—that is, one that has crossed over an oceanic barrier—but is largely derived through a former connection with the mainland.

(1) In the first place we have a number of animals which it is impossible to believe crossed over the sea :—

The Tuatara and lizards, as well as the frog ;  
Our large land mollusca and slugs ;  
The fresh-water shells, and especially *Unio* ;  
The fresh-water cray-fish ;  
Many insects, such as the large *Curculionidæ*; the wingless grasshoppers ; *Stenopelmatidæ*, and *Phasmidæ* ;  
Many of the *Neuroptera*, which pass most of their lives in fresh water ;

The earth-worms and land planarians.

Perhaps the Kiwi and Moas should be mentioned, but it is possible that their ancestors may have flown across a moderately broad strait.

(2) In the second place, the relations of the fauna are not what we should expect if they had been over-sea wanderers ; for the Tasmanian and Australian element is weak in comparison with the Malayan element.

(3) Thirdly, the low type of a great part of the fauna, which, however, shows a great variety of forms, especially in the insects. The fauna is essentially an old one, and many of the higher types are absent.

(4) Fourthly, the occurrence of migratory birds which could never have found their way here if they had not originally followed a land connection.

(5) Fifthly, the number of gymnosperms and orchids in the flora—plants which are not found on oceanic islands—confirms the conclusion arrived at from the animals.

To explain the connection between New Zealand and some ancient land it is necessary to assume the existence of a former continent, either in the Antarctic regions or in the Pacific, of which Patagonia, Australia, New Guinea, and New Zealand formed

parts. But in either case the land communication must have been broken up a very long time ago, because the Indo-Pacific marine fauna differs so much from that of South America.

The land mollusca of Polynesia furnish the best evidence for a former Pacific continent. For, as Mr. H. Pilsbry has pointed out, it is not a collection of waifs and strays, but a harmonious group of a very early type. These land shells—belonging to the genus *Endodontæ*—occur all through the Polynesian Islands, New Zealand, Eastern Australia, New Guinea, the Philippine Islands, and have an outlier in Ceylon. This outlier furnishes good evidence that the ancient type at one time inhabited India, Burma, and the Malay Peninsula, and that its migration has been from the north and not from the south. But as this genus is not known to extend to South America, the evidence fails to explain the South American connection.

The best zoological evidence for a former Antarctic continent is furnished by the earth-worms belonging to the family *Acanthodrilidæ*, which do not occur anywhere in the Northern Hemisphere, and are very scarce in Australia, but common in New Zealand and New Caledonia. However, there is an outlier in Madagascar which seems to imply a northern origin for the family. The floras of the Antarctic Islands are also considered as evidence of a former Antarctic continent, or group of Antarctic islands.

#### OUTSIDE EVIDENCE.

We cannot study the geographical relations of the New Zealand fauna with any prospect of success without taking into consideration the faunas of neighbouring countries, and there are two subjects of special importance to which I must draw attention.

(1) The first is the fact that Australia shows a connection with South America in which New Zealand does not share. We see this in the Mammalia, the family of fresh-water tortoises called *Chelydidae*, the extinct tortoise *Miolania*, and in the snakes belonging to the families *Tylopidae* and *Ilysiidae*, as well as three sub-families of the *Colubridæ*; also the frogs and the fresh-water fishes *Osteoglossum* and *Ceratodus*, the latter having been found fossil in Patagonia. In addition there are a large number of insects, such as *Gnostidae*, *Buprestidae*, and *Longicornia*, among the beetles, and *Castniidae* among the moths. And in this con-

nexion we must remember the outliers of the *Iguanidae* found in Fiji and in Madagascar.

The Australian Neo-tropical element is therefore much more considerable than that of New Zealand, and is chiefly subtropical; while that of New Zealand is temperate. Also it should be noticed that the Chilian and Patagonia fauna consists of two parts—(a) an older indigenous fauna, and (b) a later immigrant fauna from the north. The Australian and New Zealand connections are entirely with the older fauna.

(2) The second important fact is the poverty of the present Antarctic terrestrial fauna and flora. Only a small beetle, a dipterous insect, and two or three species belonging to the *Collembola*, as well as a few kinds of mosses and lichens, have been found there: a striking contrast to the fauna and flora of similar climates in the Arctic regions.

Now, it is evident that the insects could not have been blown or carried to where the mosses happened to be. Their ancestors must have travelled to their present positions by land; and, this being so, we have two possible explanations to account for the difference between Arctic and Antarctic floras and faunas:

1. The mosses and insects may be survivals from a time when no angiospermous plants were in existence, the land on which they live having been isolated from other lands ever since. This supposes them to be relictives of the Jurassic period.

2. The present fauna and flora may be the remains of a more extensive flora and fauna which once inhabited the southern regions, but which has been destroyed by a glacial epoch. In this case it is necessary to explain how it is that we find such remarkable floras on southern islands like Kerguelen, Macquarie, and Hermite, not very far north of the desolate regions of the South Shetlands and Victoria Land. It is to be hoped that the Antarctic explorations now going on will throw some light on this question.

#### DATE OF ISOLATION.

In estimating the time or times when New Zealand was connected with the mainland, we must first take into consideration the great differences between its fauna and those of Australia, South America, and South Africa. This shows decisively that the period of connection was a very ancient one, for New Zealand must have been isolated before the spread of

many groups of animals, and must have remained isolated ever since.

Professor Gill, writing about the fishes, says that 'the number of species apparently peculiar to the province, and, therefore, modified from other or earlier representatives, indicates a long period of isolation in accordance with its distance from the nearest continents and the depth of the intervening ocean.' He thinks it probable 'that there existed some terrestrial passage-way between the several [Antarctic] regions at a time as late as the close of the Mesozoic. The separation of the several areas must, however, have occurred little later than the earlier Tertiary, inasmuch as the salt-water fishes of corresponding isotherms found along the coasts of the now widely-separated lands are to such a large extent specifically different.' 'In general,' he says, 'change seems to take place more rapidly among marine animals than fresh-water representatives of the same class.' And thus he explains the closer relations in *Galaxias* and *Geotria* than in the marine fishes.

Mr. H. A. Pilsbry thinks that the *Epiphallogenous* land-snails invaded New Guinea from the north before the Eocene period, and yet they were unable to reach New Zealand.

It must be remembered that the flora of New Zealand shows the same elements as the fauna, and, as the Antarctic plants are far more numerous than the undoubted Antarctic land animals, I tried a good many years ago to use them as a means of ascertaining whether the migration from the north occurred before or after the east and west migration. And, judging by the extent of modification the two elements among the plants have undergone in New Zealand, I arrived at the conclusion that the tropical migration, taken as a whole, was anterior to the Antarctic migration.

A study of the fauna confirms this opinion. For while in the Malayan element we find a large number of endemic genera, the Antarctic element consists largely of species which are found elsewhere; or, like the shags, are only slightly modified. This shows that their spread has been later.

This conclusion, however, does not prevent us from supposing that some Antarctic immigrants may have been in New Zealand as long or even longer than some Malayan immigrants. For there may have been several periods of migration.

Indeed, the Malayan element in the fauna shows considerable

differences in modification. In all the orders of insects we can recognise that certain families are probably late comers, for they are made up of fragmentary groups, and the genera are rarely endemic. For example, we have in the *Lepidoptera*, the *Papilionina*, the *Sphingidæ* and the *Arctiadæ*; in the *Diptera* we have the *Muscidae*; in the *Hymenoptera*, the *Apidae* and *Pompilidae*; in the *Coleoptera*, the *Cicindelidæ*, *Buprestidæ*, and the *Lamellicornia*; in the *Hemiptera*, the *Pentatomidæ* and *Cicadidæ*: in the *Orthoptera* we have the *Gryllidæ*, *Locustidæ*, and *Blattidæ*; in the *Neuroptera*, the *Odonata*.

On the other hand, there are groups which are comparatively well represented, and we recognise them as ancient inhabitants because a large proportion of the genera are endemic. Thus in the *Lepidoptera* we have the *Scopariidæ* and the *Tineina*; in the *Diptera*, the *Tipulidæ*; in the *Hymenoptera*, the *Formicidæ*; in the *Coleoptera*, the *Pselaphidæ*, *Colydiidæ*, *Dascyllidæ*, and the *Curculionidæ*; in the *Hemiptera*, the *Fulgoridæ*; in the *Orthoptera*, the *Stenopelmatidæ* and *Phasmidæ*; in the *Neuroptera* we have the *Trichoptera*.

The Mud-fish (*Neochanna*) must have been a long time in New Zealand, because it has become so much modified; and if it is, as Dr. Gunther has suggested, a degraded form of *Galaxias*, then *Galaxias* must have been here for a still longer time. But *Galaxias attenuatus* is found in Patagonia and Tasmania; and it is more closely related to *G. maculatus* of Tierra del Fuego and Patagonia than to any of the New Zealand or Australian species. From which it is evident that it must either have spread at a comparatively late period from New Zealand to Patagonia, or that *Galaxias* has been introduced twice into New Zealand.

Again, in the Antarctic element, the earth-worms point to a period of distribution long anterior to that of the marine fishes, Crustacea and Mollusca, which form the greater part of the group; so that here, also, we seem to have two different periods of migration.

The connection between New Zealand and South America shown by those species the geographical relations of which are also Malayan, and which cannot be considered as Antarctic, appears to have been at a very remote period. No species are identical, and only a few genera, chiefly in insects. In birds such as *Hymenolæmus* and the Struthious birds, the relations are between members of the same family only. It is the same with the

Australian-South American connection, as shown by the frogs and the parrots. The latter are a group of birds which probably originated in the Malay Archipelago or Australia and spread to South America. According to Professor W. K. Parker, the Australian Magpies (*Gymnorhiza*), and the Wood-swallows (*Artamus*), and even some of the Fly-catchers (*Petroica*) are more closely related to South American birds than to any others.\* And Professor Huxley says that there is a close relation between the *Megapodidae* and the *Cracidae* of South America.† But all these relations are distant, and imply a very ancient connection.

#### GEOLOGICAL EVIDENCE.

We will now see what light the geology of New Zealand throws on these questions.

In the Triassic period New Zealand appears to have formed part of the eastern coast line of a continent which probably included Australia and Tasmania. In the middle of the Jurassic period—the date is not very certain, for the fossils have not yet been properly examined—this state of things changed, and the range of mountains running from Stewart Island to the East Cape was formed, and with it the branch range from Taupo to the North Cape. From that time forward the connection with Australia has been slight, as proved by the difference in the fossils, so that we may assume that the Tasman Sea was formed at the same time as the New Zealand Alps, and that it has been in existence ever since. Any subsequent direct land communication between New Zealand on the one hand and Tasmania or Australia on the other, is highly improbable.

This mountain chain is of the Alpine type, and has a granitic core, consequently when it was first formed it probably extended further on each side than it does now; indeed, we see that the north-western portion has been largely removed by denudation. Since its formation it has been twice partially submerged, New Zealand in each case being reduced to a cluster of islands. The first of these depressions was in the Upper Cretaceous, the second in the Oligocene and Miocene periods. We also find evidence that the land stood lower than it does now in the

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\* *Trans. Zool. Soc.* x. p. 251, &c.

† *Proc. Zool. Soc.* 1868, p. 296.

Pleistocene and perhaps in the newer Pliocene. The evidence for the third depression consists of raised beaches and marine fossiliferous beds in the southern part of the North Island. We also know that Cook's Strait was in existence in the Pleistocene period, because the species of Moas found in the peat-bogs and alluvial deposits of the South Island are specifically different from those found in the North Island.

So we have the older Cretaceous, the Eocene, and the older Pliocene as periods during which New Zealand may have been of much larger dimensions than it is now.

The Cretaceous fossils have not yet been described except the plants. These differ much from those of Australia, but as Baron von Ettingshausen, who described them, had a very limited acquaintance with the existing flora of New Zealand, the names he has given to the fossils cannot always be relied upon as accurate. It is, however, evident that we have here the basis of our present Phanerogamous flora; and, if this is the case, it is a proof that the New Zealand mountains have not been totally submerged since the older part of the Cretaceous period.

A *Unio* has been found at the Malvern Hills, which may be taken as a proof of land communication between New Zealand and some other country in the lower Cretaceous period, for *Unio* is not known in any oceanic island.

With the plants and the fresh-water *Unio* no doubt there came a number of land animals, although we have not found any of their remains. Probably they were land mollusca, insects of various orders, myriapods and worms, but no vertebrates except *Sphenodon*.

The known Oligocene and Miocene faunas consist chiefly of marine mollusks, which differ very much from the contemporaneous mollusca of Australia. One remarkable peculiarity is that we have in the Miocene sixteen species of shallow-water invertebrates, which are also found in the Miocene of Patagonia, implying a shallow-water communication between the two countries. Many of the Mollusca are very large, much larger than those inhabiting the New Zealand coasts at the present day, so that we must suppose that the sea in the Miocene period was warmer than it is now.

*Pectunculus laticostatus* and *Dosinia grayi*, which are Eocene only in Australia, first appeared in New Zealand in the Miocene, and still live there. *Typhis* is Eocene in Australia, Miocene in

New Zealand, where it became extinct before the Pliocene. *Murex* and *Trophon*, both of which are Eocene in Australia, did not reach New Zealand until the Pliocene period. This appearance of shells in Australia before they are known in New Zealand shows that a large part of our present marine fauna reached us in Miocene and Pliocene times from Australia and not from an Antarctic continent.

In the coal-measures of Moreley Creek, Southland—probably of Eocene age—a *Unio* (*U. inflatus*) has been found which may have been derived from the Cretaceous *Unio* already mentioned. This species, however, appears to have become extinct without leaving any descendants. Probably it was killed off by the submergence in the Oligocene and Miocene periods.

In the lignite beds of the Dunstan in Otago—probably of older Pliocene age—another *Unio* has been found which appears to belong to our recent species, *Diplodon aucklandicus*, which is only a variety of *D. menziesii*. This species has its nearest allies in New Guinea, so that its existence in New Zealand in the older Pliocene is evidence that during that period New Zealand was in direct communication with New Guinea.

Under a lava stream at Timaru a few bones of a small moa (*Anomalopteryx antiqua*) and of an Apteryx have been found, which are either upper Miocene or lower Pliocene in age, and other Moa bones have been found in Pliocene beds near Napier, and footprints of Pliocene or Pleistocene moas have been found near Gisborne, but no trace of them has hitherto been found in either the Miocene or Eocene coal-measures.

The question whether or not a glacial epoch occurred in the southern hemisphere similar to that of the north, has an important bearing on the distribution of animals and plants. So far as New Zealand is concerned, there can be no doubt but that the glaciers of the South Island were formerly of much greater dimensions than they are now. But there is no evidence that they reached the sea, although some of the old moraines are now below the sea level, and there is no palaeontological evidence of a colder climate in the Pliocene or Pleistocene periods than exists now. On the contrary, the evidence points to a gradual cooling ever since the Miocene period. On the whole it seems probable that the former extension of the glaciers was due to the land standing 3000 or 4000 feet higher in the older Pliocene times than it does now. The very distinct flora of the Antarctic

Islands is also evidence that no glacial epoch has taken place in the Southern Hemisphere.

The large proportion of shallow-water Miocene fossils common to Patagonia, New Zealand, and Australia proves that either in the Eocene or Oligocene, shallow water, warmer than it is at present, extended through the South Pacific ; but as none of the Miocene mammals nor land birds of Patagonia passed to New Zealand, there could not have been a continuous land connection. Probably it was a series of coral islands. This will account for the spread of the penguins, which are Oligocene in New Zealand and Miocene in Patagonia, but it is doubtful whether it will account for the insects. Certainly it cannot explain the connection between the Vertebrata of Australia and those of South America.

#### OUTLYING ISLANDS.

Of the outlying islands the Snares and Bounty Islands are composed entirely of granite, and no doubt at one time they formed part of New Zealand. The Kermadecs, Antipodes, and Auckland Islands are entirely volcanic. The Chatham Islands are volcanic, with some contemporaneous fossiliferous limestones and tuffs of early Miocene age, resting on a low platform of ancient schistose rocks, which form the northern portion of the largest island. Consequently these islands were formed in the Miocene period.

Campbell Island is also volcanic, on a basis of chalky limestone and tuffaceous beds, from which a few fossils have been obtained. The evidence is not sufficient to form any decided opinion, but the fossiliferous beds appear to be Oligocene in age.

Antipodes Island is formed largely of stratified volcanic tuffs, and the island appears to be a submarine volcano which has been subsequently elevated.

The geological structure of Macquarie Island is unknown to me.

The faunas of the Kermadecs, Antipodes, Snares, and Macquarie Island are very imperfectly known, except the birds. The only land animal on Bounty Islands is *Ischyroplectron isolatum*, an orthopterous insect, which was found by Captain Fairchild when turning over large stones to build the provision depot. The Bounty Islands have no vegetation except sea-weeds.

A Shining Cuckoo (*Chalcococcyx*), in an exhausted state, was

once seen on Macquarie Island;\* and formerly it was inhabited by rails and parakeets. The Wood-hen (*Ocydromus*) now found on it was introduced by the Maoris for food.

The Chatham and Auckland Islands have fresh-water species of *Galaxias*, which do not appear to go down to the sea, and are similar to those of New Zealand. Pitt Island, one of the Chatham group, has a lizard closely related to *Lygosoma moko* of New Zealand. Both the Chatham and Auckland Islands have small forest birds, as well as slugs and beetles, none of which could cross over a sea barrier. We may therefore suppose that they were once connected with New Zealand, and derived the main part of their faunas overland.

Much the same may be said for the Snares; but the case of Campbell Island is different. Here we have a *Galaxias* and a small land shell, but no resident land birds nor beetles. Three Godwit were shot in 1894 by Mr. Borchgrevink's exploring party; and the little *Zosterops* has made its way there, but there are no parakeets nor larks. If, however, the presence of earth-worms is a proof of a former land connection with some larger mass, then at one time New Zealand must have extended through Campbell Island to Macquarie Island.

The number of endemic species, and even genera, among the land animals of these islands proves that they have been long separated, and altogether precludes the idea of a comparatively recent Antarctic continent connected with New Zealand. They also preclude the idea of a very cold climate having existed in the southern hemisphere since the islands were separated from New Zealand, that is since the Pliocene period. For this would have killed off most of the inhabitants.

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\* Campbell's *Nests and Eggs of Australian Birds*, p. 580.

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# PHYLUM, CHORDATA

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## CLASS, MAMMALIA.

Sub-class EUTHERIA.

Order CHIROPTERA.

Family VESPERTILIONIDÆ.

**Chalinolobus**, Peters, 1866.

**morio**, Gray. Dobson, A.M.N.H. 6, iv. 62. *C. tuberculatus*,  
Cat. Chi. B.M. 248; Tomes, P.Z.S. 1857, 135.

Family EMBALLOONURIDÆ.

**Mystacops**, Flower, 1891.

**tuberculatus**, Gray. Dobson, Cat. Chi. B.M. 442 (*Mys-*  
*tacina*); Tomes, P.Z.S. 1857, 138.

Order CARNIVORA.

Sub-order PINNIPEDIA.

Family OTARIIDÆ.

**Eumetopias**, Gill, 1866.

**hookeri**, Gray. Clark, P.Z.S. 1873, 765. Challenger Re-  
ports, xxvi. 78.

**Arctocephalus**, F. Cuvier, 1824.

**forsteri**, Lesson. Clark, P.Z.S. 1875, 650, and 1884, 196.  
Challenger Reports, xxvi. 87. *A. cinereus*, Hector,  
T.N.Z.I. iv. 196.

Family PHOCIDÆ.

**Ogmorhinus**, Peters, 1875.

**leptonyx**, Blainville. Challenger Reports, xxvi. 64.

**Macrorhinus**, F. Cuvier, 1824.

**leoninus**, Linnaeus. Flower, P.Z.S. 1881, 146. Challenger  
Reports, xxvi. 69.

Order CETACEA.

Sub-order MYSTACOCETI.

Family BALENIDÆ.

**Balaena**, Linnaeus, 1766.

**australis**, Gray. Hector, T.N.Z.I. x. 335: Challenger  
Reports, i. 32; P.Z.S. 1901, p. 44.

**Neobalaena**, Gray, 1871.

*marginata*, Gray. Hector, T.N.Z.I. x. 331; Beddard, T.Z.S. xvi. 87.

**Megaptera**, Gray, 1846.

*longimana*, Rudolphi. Challenger Reports, i. 30. *M. landii*, Hector, T.N.Z.I. x. 335.

**Balaenoptera**, Lacépède, 1804.

*musculus*, Linnaeus. *B. sibbaldi*, Hutton, T.N.Z.I. vii. 266.

*physalus*, Linnaeus. *P. australis*, Hector, T.N.Z.I. x. 336;

*B. musculus*, Parker, T.N.Z.I. xvii. 3.

*rostrata*, Fabricius. Haast, T.N.Z.I. xiii. 169; Benham, P.Z.S. 1901, 280; *B. huttoni*, Hector, T.N.Z.I. x. 337;

Benham, T.N.Z.I. xxxiv. 151.

Sub-order ODONTOCETI.

Family PHYSETERIDÆ.

Sub-family PHYSETERINÆ.

**Physeter**, Linnaeus, 1766.

*macrocephalus*, Linnaeus. Hector, T.N.Z.I. x. 337.

**Cogia**, Gray, 1846.

*breviceps*, Blainville. Hector, T.N.Z.I. x. 337; Benham, T.N.Z.I. xxxiv. 155; and P.Z.S. 1902, 54.

Sub-family ZIPHINÆ.

**Ziphius**, F. Cuvier, 1823.

*cavirostris*, Cuvier. Hector, T.N.Z.I. x. 342; Challenger Reports, i. 27; Parker, P.Z.S. 1887, 342.

**Mesoplodon**. Gervais, 1850.

*layardi*, Gray. Hector, T.N.Z.I. x. 341; Haast, P.Z.S. 1876, 478; *C. guntheri*, Gray, A.M.N.H. 4, vii. 368.

*hectori*, Gray. Hector, T.N.Z.I. x. 339.

*grayi*, Haast. P.Z.S. 1876, 7 and 457; T.Z.N.I. ix. 450.

*australis*, Flower. T.Z.S. x. 419; *B. hectori*, Hector, T.Z.N.I. vii. 262.

*haasti*, Flower. T.Z.S. x. 419.

**Berardius**, Duvernoy, 1851.

*arnouxi*, Duvernoy. Hector, T.N.Z.I. x. 338.

Family DELPHINIDÆ.

**Delphinapterus**, Lacépède, 1804.

*leucas*, Pallas. Hector, T.N.Z.I. xvii. 209.

**Cephalorhynchus**, Gray, 1850.

*hectori*, Beneden. Hector, T.N.Z.I. xvii. 209; Flower, P.Z.S. 1883, 476. *E. clancula*, Hector, T.N.Z.I. ix. 350.

**Orca**, Gray, 1846.  
*gladiator*, Gray. Hector, T.N.Z.I. xvii. 208.

**Pseudorca**, Reinhart, 1862.  
*crassidens*, Owen. Hector, T.N.Z.I. xvii. 209.

**Globicephalus**, Lesson, 1842.  
*melas*, Traill. Hector, T.N.Z.I. xvii. 209.

**Grampus**, Gray, 1846.  
*griseus*, Lesson. *G. richardsoni*, Hector, T.N.Z.I. xvii. 209.

**Delphinus**, Linnæus, 1766.  
*delphis*, Linnæus Hector, T.N.Z.I. xvii. 210; Flower, T.Z.S. xi. 1; *D. novæ zealandiæ*, Hutton, T.N.Z.I. ix. 349.

**Tursiops**, Gervais, 1855.  
*tursio*, Buonaterre. Hector, T.N.Z.I. xvii. 210; Flower, T.Z.S. xi. 1; and P.Z.S. 1883. 478; *T. metis*, Hutton, A.M.N.H. 4, xvi. 357.

**Prodelphinus**, Gervais, 1880.  
*obscurus*, Gray. Flower, P.Z.S. 1883, 495; Hutton. T.N.Z.I. ix. 349; Hector, T.N.Z.I. xvii. 211.  
*euphrosyne*, Gray. Flower, P.Z.S. 1883, 497; Hector, T.N.Z.I. xvii. 211.

## CLASS, AVES.

Sub-class CARINATÆ.

Order PASSERES.

Sub-order ACROMYODI.

Family CORVIDÆ.

**Glaucopis**, Gmelin, 1788.  
*cinerea*, Latham. C.B.M. iii. 142; Buller, 'Birds of New Zealand,' i. 5.  
*wilsoni*, Bonaparte. C.B.M. iii. 143; Buller, i. 1.

Family STURNIDÆ.

**Heteralocha**, Cabanis, 1851.  
*acutirostris*, Gould. C.B.M. iii. 143; Buller, i. 7.  
**Creadion**, Vieillot, 1816.  
*carunculatus*, Gmelin. C.B.M. iii. 144; Buller, i. 18 and 21.

Family TURDIDÆ.

**Turnagra**, Lesson, 1831.  
*crassirostris*, Gmelin. C.B.M. vii. 4; Buller, i. 31.  
*tanagra*, Schlegel. C.B.M. vii. 5; Buller, i. 26.

## Family SYLVIADÆ.

**Sphenœacus**, Strickland, 1841.*punctatus*, Quoy and Gaimard. C.B.M. vii. 97 ; Buller, i. 60.*fulvus*, Gray. C.B.M. vii. 98 ; Buller, i. 61.*rufescens*, Buller. C.B.M. vii. 98 ; Buller, i. 62.

## Family MUSCICAPIDÆ.

**Petroica**, Swainson, 1832.*macrocephala*, Gmelin. C.B.M. iv. 176 ; Buller, i. 42.*toitoi*, Garnot. C.B.M. iv. 174 ; Buller, i. 39.**Miro**, Lesson, 1831.*albifrons*, Gmelin. C.B.M. iv. 235 ; Buller, i. 36.*australis*, Sparrmann. C.B.M. iv. 235 ; Buller, i. 33.*traversi*, Buller. C.B.M. iv. 236 ; Buller, i. 38.*dannefordi*, Rothschild. Nov. Zool. i. 688 (1894).**Pseudogerygone**, Sharpe, 1878.*igata*, Quoy and Gaim. C.B.M. iv. 218 ; Buller, i. 44 and 50.*albofrontata*, Gray. C.B.M. iv. 222 ; Buller, i. 49.**Rhipidura**, Vigors and Horsfield, 1827.*flabellifera*, Gmelin. C.B.M. iv. 308 ; Buller, i. 69.*fuliginosa*, Sparrmann. C.B.M. iv. 316 ; Buller, i. 72.

## Family PARIDÆ.

**Certhiparus**, De Latresnaye, 1842.*albicillus*, Lesson. C.B.M. viii. 75 ; Buller, i. 53.*novæ-zealandiæ*, Gmelin. C.B.M. viii. 76 ; Buller, i. 51.**Mahua**, Lesson, 1837.*ochrocephala*, Gmelin. C.B.M. viii. 76 ; Buller, i. 56.

## Family MELIPHAGIDÆ.

**Pogonornis**, Gray, 1846.*cincta*, Dubus. C.B.M. ix. 251 ; Buller, i. 101.**Anthornis**, Gray, 1841.*melanura*, Sparrmann. C.B.M. ix. 255 ; Buller, i. 85.*melanocephala*, Gray. C.B.M. ix. 256 ; Buller, i. 92.**Prosthemadera**, Gray, 1840.*novæ-zealandiæ*, Gmelin. C.B.M. ix. 257 ; Buller, i. 94.

## Family ZOSTEROPIDÆ.

**Zosterops**, Vigors and Horsfield, 1827.*cærulescens*, Latham. C.B.M. ix. 152 ; Buller, i. 77.

## Family MOTACILLIDÆ.

**Anthus**, Bechstein, 1807.*novæ-zealandiæ*, Gmelin. C.B.M. x. 616 ; Buller, i. 64.*aucklandicus*, Gray. C.B.M. x. 617.*steindachneri*, Reischek. T.N.Z.I. xxii. 388.

## Sub-order MESOMYODI.

## Family XENICIDÆ.

**Acanthidiositta**, De Lafresnaye, 1842.*chloris*, Sparrmann. C.B.M. xiv. 451; Buller, i. 113.**Xenicus**, Gray, 1855.*longipes*, Gmelin. C.B.M. xiv. 452; Buller, i. 108.*gilviventris*, Pelzeln. C.B.M. xiv. 453; Buller, i. 111.**Traversia**, Rothschild, 1894.*lyalli*, Rothschild. Bull. Brit. Ornith. Club, iv. no. xxii. p. x.;*X. insularis*, Buller, Ibis, 1895, 236; T.N.Z.I. xxviii. 341.

## Order PICARIAE.

## Family ALCEDINIDÆ.

**Halcyon**, Swainson, 1821.*vagans*. Lesson. C.B.M. xvii. 271; Buller, i. 122.

## Family CUCULIDÆ.

**Chalcococcyx**, Cabanis, 1863.*lucidus*, Gmelin. C.B.M. xix. 295; Buller, i. 132.**Urodynamis**, Salvadori, 1880.*taitensis*, Sparrmann. C.B.M. xix. 314; Buller, i. 127.

## Order STRIGES.

## Family BUBONIDÆ.

**Ninox**, Hodgson, 1837.*novæ-zealandiæ*, Gmelin. C.B.M. ii. 173; Buller, i. 192.**Sceloglaux**, Kaup, 1848.*albifacies*, Gray. C.B.M. ii. 187; Buller, i. 198.

## Order PSITTACI.

## Family NESTORIDÆ.

**Nestor**, Wagler, 1832.*notabilis*, Gould. C.B.M. xx. 4; Buller, i. 166.*meridionalis*, Gmelin. C.B.M. xx. 5; Buller, i. 150.

## Family PSITTACIDÆ.

## Sub-family PLATYCERCINÆ.

**Cyanoramphus**, Bonaparte, 1854.*unicolor*, Vigors. C.B.M. xx. 581; Buller, i. 148.*novæ-zealandiæ*, Sparrmann. C.B.M. xx. 581; Buller, i. 137.*aucklandicus*, Bonaparte. C.B.M. xx. 584.*erythrotis*, Wagler. C.B.M. xx. 586.*cyanurus*, Salvadori. C.B.M. xx. 587.*auriceps*, Kuhl. C.B.M. xx. 587; Buller, i. 142.*malherbei*, Souancé. C.B.M. xx. 590; Buller, i. 146 (*alpinus*).

## Family STRINGOPIDÆ.

**Stringops**, Gray, 1845.*habroptilus*, Gray. C.B.M. xx. 599; Buller, i. 176.

## Order ACCIPITRES.

## Family FALCONIDÆ.

## Sub-family FALCONINÆ.

**Nesierax**, Oberholser, 1899.*novæ-zealandiæ*, Gmelin. C.B.M. i. 372; Buller, i. 213.  
*australis*, Hombron and Jacquinot. C.B.M. i. 373; Buller, i. 220.

## Sub-family ACCIPITRINÆ.

**Circus**, Lacépède, 1806.*gouldi*, Bonaparte. C.B.M. i. 72; Buller, i. 206.

## Order GALLINÆ.

## Family PHASIANIDÆ.

**Coturnix**, Moehring, 1752.*novæ-zealandiæ*, Gmelin. C.B.M. xxii. 245; Buller, i. 225.

## Order COLUMBÆ.

## Family TRERONIDÆ.

## Sub-family CARPOPHAGINÆ.

**Hemiphaga**, Bonaparte, 1854.*novæ-zealandiæ*, Gmelin. C.B.M. xxi. 236; Buller, i. 229.  
*chathamensis*, Rothschild. P.Z.S. 1891, p. 312; C.B.M. xxi. 239.

## Order GRALLÆ.

## Family RALLIDÆ.

**Hypotænidia**, Reichenbach, 1852.*philippensis*, Linnæus. C.B.M. xxiii. 39; Buller, ii. 95.*macquariensis*, Hutton, Ibis, 1879; C.B.M. xxiii. 43.*muelleri*, Rothschild. Bull. Brit. Orn. Club, 1893; T.N.Z.I. xxvi. 180; C.B.M. xxiii. 330; *R. brachypus*, Buller, ii. 100.**Nesolimnas**, Andrews, 1896.*dieffenbachii*, Gray. C.B.M. xxiii. 47; Buller, ii. 121.**Cabalus**, Hutton, 1873.*modestus*, Hutton, Ibis, 1872; C.B.M. xxiii. 331, plate 6.**Ocydromus**, Wagler, 1830.*earli*, Gray. Buller, ii. 115; *O. greyi*, Buller, ii. 105.*australis*, Sparrmann. C.B.M. xxiii. 64 (part); Buller, ii. 116.*hectori*, Hutton, T.N.Z.I. vi. 110; *O. brachypterus*, Buller, ii. 119.**brachypterus**, Lafresnaye. C.B.M. xxiii. 67; *O. fuscus*, Buller, ii. 112.

**Porzana**, Vieillot, 1816.

*affinis*, Gray. C.B.M. xxiii. 106; Buller, ii. 103.

*tabuensis*, Gmelin. C.B.M. xxiii. 111; Buller, ii. 101.

**Porphyrio**, Brisson, 1760.

*melanonotus*, Temminck. C.B.M. xxiii. 205; Buller, ii. 79.

*chathamensis*, Sharpe, Ibis, 1893; C.B.M. xxiii. 202.

**Notornis**, Owen, 1848.

*hochstetteri*, Meyer. Benham, T.N.Z.I. xxxi. 146; *N. mantelli*, C.B.M. xxiii. 208; Buller, ii. 85.

Order HERODIONES.

Family ARDEIDÆ.

**Herodias**, Boie, 1822.

*timoriensis*, Cuvier. C.B.M. xxvi. 98; *A. egretta*, Buller, ii. 124.

**Notophoyx**, Sharpe, 1898.

*novæ-hollandiæ*, Latham. C.B.M. xxvi. 109; Buller, ii. 134.

**Demiegretta**, Blyth, 1846.

*sacra*, Gmelin. C.B.M. xxvi. 137; Buller, ii. 128.

**Nycticorax**, Rafinesque, 1815.

*caledonicus*, Gmelin. C.B.M. xxvi. 158; Buller, ii. 139.

**Ardetta**, Grey, 1842.

*pusilla*, Vieillot. C.B.M. xxvi. 234; *A. maculata*, Buller, ii. 136.

**Botaurus**, Brisson, 1760.

*pœciloptilus*, Wagler. C.B.M. xxvi. 258; Buller, ii. 142.

Order LIMICOLÆ

Family CHARADRIIDÆ.

Sub-family ARENARIINÆ.

**Arenaria**, Brisson, 1760.

*interpres*, Linnaeus. C.B.M. xxiv. 92; Buller, ii. 14.

Sub-family HÆMATOPODINÆ.

**Hæmatopus**, Linnaeus, 1766.

*longirostris*, Vieillot. C.B.M. xxiv. 112; Buller, ii. 16.

*unicolor*, Wagler. C.B.M. xxiv. 118; Buller, ii. 18.

Sub-family CHARADRIINÆ.

**Charadrius**, Linnaeus, 1766.

*dominiculus*, Müller. C.B.M. xxiv. 196; *C. fulvus*, Buller, ii. 6.

**Ochthodromus**, Reichenbach, 1852.  
**obscurus**, Gmelin. C.B.M. xxiv. 211; Buller, ii. 1.  
**bicinctus**, Jardine and Selby. C.B.M. xxiv. 212; Buller, ii. 3.  
**Thinornis**, Gray, 1846.  
**novæ·zealandiæ**, Gmelin. C.B.M. xxiv. 304; Buller, ii. 11.  
**rossi**, Gray. C.B.M. xxiv. 305.  
**Anarhynchus**, Quoy and Gaimard, 1830.  
**frontalis**, Quoy and Gaimard. C.B.M. xxiv. 306; Buller, ii. 9.

Sub-family HIMANTOPODINÆ.

**Himantopus**, Brisson, 1760.  
**picatus**, Ellman. C.B.M. xxiv. 319: *H. leucocephalus*, Buller, ii. 21, and *H. albicollis*, Buller, ii. 27.  
**melas**, Hombron and Jacquinot. C.B.M. xxiv. 323; *H. novæ-zealandiæ*, Buller, ii. 24.

**Recurvirostra**, Linnæus, 1766.

**novæ-hollandiæ**, Vieillot. C.B.M. xxiv. 333; Buller, ii. 20.

Sub-family TOTANIDÆ.

**Limosa**, Brisson, 1760.

**novæ-zealandiæ**, Gray. C.B.M. xxiv. 377; Buller, ii. 40.

Sub-family SCOLOPACINÆ.

**Limonites**, Kaup, 1829.

**ruficollis**, Pallas. C.B.M. xxiv. 545.

**Heteropygia**, Coues, 1861.

**acuminata**, Horsfield. C.B.M. xxiv. 566; Buller, ii. 37.

**Tringa**, Linnæus, 1766.

**canutus**, Linnæus. C.B.M. xxiv. 593; Buller, ii. 35.

**Gallinago**, Leach, 1816.

**aucklandica**, Gray. C.B.M. xxiv. 661; Buller, ii. 32.

**huegeli**, Tristram. C.B.M. xxiv. 663.

**pusilla**, Buller. C.B.M. xxiv. 663; Buller, ii. 33.

Order GAVIÆ.

Family LARIDÆ.

Sub-family STERNINÆ.

**Hydroprogne**, Kaup, 1829.

**caspia**, Pallas. C.B.M. xxv. 32; Buller, ii. 73.

**Sterna**, Linnæus, 1766.

**albistriata**, Gray. C.B.M. xxv. 48; Buller, ii. 70.

**vittata**, Gmelin. C.B.M. xxv. 51 and 456.

**frontalis**, Gray. C.B.M. xxv. 97; Buller, ii. 68.

**fuliginosa**, Gmelin. C.B.M. xxv. 106 and 457.

**nereis**, Gould. C.B.M. xxv. 112; Buller, ii. 75.

**Procelsterna**, Lafresnaye, 1842.

*cinerea*, Gould. C.B.M. xxv. 135; Buller, ii. 78.

**Micranous**, Saunders, 1895.

*leucocapillus*, Gould. C.B.M. xxv. 145; *A. melanogenys*, Cheeseman; T.N.Z.I. xxiii. 221.

**Gygis**, Wagler, 1832.

*candida*, Gmelin. C.B.M. xxv. 149.

Sub-family LARINÆ.

**Larus**, Linnaeus, 1766.

*bulleri*, Hutton. C.B.M. xxv. 233; Buller, ii. 58.

*scopulinus*, Gray. C.B.M. xxv. 238; Buller, ii. 56.

*dominicanus*, Lichtenstein. C.B.M. xxv. 245; Buller, ii. 47.

Family STERCORARIIDÆ.

**Megalestris**, Bonaparte, 1856.

*antarctica*, Lesson. C.B.M. xxv. 319; Buller, ii. 63.

**Stercorarius**, Brisson, 1760.

*crepidatus*, Gmelin. C.B.M. xxv. 327; Buller, ii. 66.

Order STEGANOPODES.

Family PHAETHONTIDÆ.

**Phaethon**, Linnaeus, 1766.

*ruficauda*, Bodd. C.B.M. xxvi. 451; Buller, ii. 186.

Family FREGATIDÆ.

**Fregata**, Brisson, 1760.

*aquila*, Linnaeus. C.B.M. xxvi. 443; Buller, ii. 182.

Family SULIDÆ.

**Sula**, Brisson, 1760.

*serrator*, Gray. C.B.M. xxvi. 428; Buller, ii. 177.

*cyanops*, Sundevall C.B.M. xxvi. 430; Cheeseman, T.N.Z.I. xxii. 223.

Family PHALACROCORACIDÆ.

**Phalacrocorax**, Brisson, 1760.

*carbo*, Linnaeus. C.B.M. xxvi. 340; *P. novæ hollandiæ*, Buller, ii. 145,

*varius*, Gmelin. C.B.M. xxvi. 394; Buller, ii. 149.

*sulcirostris*, Brandt. C.B.M. xxvi. 376.

*melanoleucus*, Vieillot. C.B.M. xxvi. 398; Buller, ii. 173.

*brevirostris*, Gould. C.B.M. xxvi. 400; Buller, ii. 168.

*punctatus*, Sparrmann. C.B.M. xxvi. 354; Buller, ii. 164.

*featherstoni*, Buller. C.B.M. xxvi. 356; Buller, ii. 166.

*chalconotus*, Gray C.B.M. xxvi. 369; Buller, ii. 162, and

*P. glaucus*, 163.

**Phalacrocorax, campbelli**, Filhol. C.B.M. xxvi. 387; *P. nycthemerus*, Buller, ii. 167.  
**colensoi**, Buller. C.B.M. xxvi. 386; Buller, ii. 161.  
**stewarti**, Ogilvie-Grant. C.B.M. xxvi. 385.  
**ranfurlyi**, Ogilvie-Grant. Bull. B. O. Club, xi. (1901).  
**carunculatus**, Gmelin. C.B.M. xxvi. 384; Buller, ii. 155; *P. huttoni*, Buller, ii. 174.  
**onslowi**, Forbes. C.B.M. xxvi. 385; *P. imperialis*, Buller, ii. 153.  
**traversi**, Rothschild. Bull. Brit. Ornith. Club, viii. (1898).

Order TUBINARES.

Family PROCELLARIIDÆ.

Sub-family OCEANITINÆ.

**Oceanites**, Keyserling and Blasius, 1840.  
*oceanicus*, Kuhl. C.B.M. xxv. 358; Buller, ii. 250.

**Garrodia**, Forbes, 1881.  
*nereis*, Gould. C.B.M. xxv. 361; Buller, ii. 247.

**Pelagodroma**, Reichenbach, 1852.  
*marina*, Latham. C.B.M. xxv. 362; Buller, ii. 248.

**Cymodroma**, Ridgway, 1884.  
*melanogaster*, Gould. C.B.M. xxv. 364; Buller, ii. 249.

Family PUFFINIDÆ.

Sub family PUFFININÆ.

**Puffinus**, Brisson, 1760.  
*bulleri*, Salvin. C.B.M. xxv. 371; Buller, ii. 240.  
*chlororhynchos*, Lesson. C.B.M. xxv. 372; Buller, ii. 235.  
*gavia*, Forster. C.B.M. xxv. 381; Buller, ii. 236.  
*assimilis*, Gould. C.B.M. xxv. 384; Buller, ii. 239.  
*carneipes*, Gould. C.B.M. xxv. 385; Buller, ii. 234.  
*griseus*, Gmelin. C.B.M. xxv. 386; Buller, ii. 232.  
*tenuirostris*, Temminck. C.B.M. xxv. 388; Buller, ii. 230.

**Priofinus**, Hombron and Jacquinot, 1844.  
*cinerous*, Gmelin. C.B.M. xxv. 390; Buller, ii. 241.

**Priocella**, Hombron and Jacquinot, 1844.  
*glacialoides*, Smith. C.B.M. xxv. 393; Buller, ii. 228.

**Majaqueus**, Reichenbach, 1864.  
*aequinoctialis*, Linnaeus. C.B.M. xxv. 395.  
*parkinsoni*, Gray. C.B.M. xxv. 397; Buller, ii. 242.

**Œstrelata**, Bonaparte, 1855  
*macroptera*, Smith. C.B.M. xxv. 399; Buller, ii. 245.  
*lessoni*, Garnot. C.B.M. xxv. 401; Buller ii. 219.  
*nigripennis*, Rothschild. C.B.M. xxv. 409.

**C**estrelata cervicalis, Salvin. C.B.M. xxv. 411.  
**n**eglecta, Schlegel. C.B.M. xxv. 412; Buller, ii. 224.  
**gularis**, Peale. C.B.M. xxv. 414; *C. affinis*, Buller, ii. 223.  
**axillaris**, Salvin. C.B.M. xxv. 418.  
**cooki**, Gray. C.B.M. xxv. 417; Buller, ii. 217.

Sub-family FULMARINÆ.

**O**ssifraga, Hombron and Jacquinot, 1844.  
**gigantea**, Gmelin. C.B.M. xxv. 422; Buller, ii. 225.

**D**aption, Stephens, 1826.  
**capensis**, Linnæus. C.B.M. xxv. 428; Buller, ii. 215.

**H**alobæna, Geoff. St. Hilaire, 1856.  
**cærulea**, Gmelin. C.B.M. xxv. 431; Buller, ii. 214.

**P**rión, Lacépède, 1801.  
**vittatus**, Gmelin. C.B.M. xxv. 432; Buller, ii. 211.  
**banksi**, Gould. C.B.M. xxv. 434; Buller, ii. 210.  
**desolatus**, Gmelin. C.B.M. xxv. 434; *P. turtur*, Buller, ii.  
209.  
**ariel**, Gould. C.B.M. xxv. 436; Buller, ii. 212.

Family PELECANOIDIDÆ.

**P**elecanoides, Lacépède, 1801.  
**urinatrix**, Gmelin. C.B.M. xxv. 437; Buller, ii. 207.  
**exsul**, Salvin. C.B.M. xxv. 431.

Family DIOMEDEIDÆ.

**D**iomedea, Linnæus, 1766.  
**regia**, Buller. C.B.M. xxv. 443.  
**exulans**, Linnæus. C.B.M. xxv. 441; Buller, ii. 189.  
**melanophrys**, Boie. C.B.M. xxv. 447; Buller, ii. 198.  
**bulleri**, Rothschild. C.B.M. xxv. 448.

**T**halassogeron, Ridgway, 1884.  
**salvini**, Rothschild. C.B.M. xxv. 450; *D. cauta*, Buller, ii.  
203.  
**culminatus**, Gould. C.B.M. xxv. 451; Buller, ii. 201.  
**chlororhynchus**, Gmelin. C.B.M. xxv. 451; Buller, ii.  
202.

**P**hœbetria, Reichenbach, 1852.  
**fuliginosa**, Gmelin. C.B.M. xxv. 453; Buller, ii. 205.

Order IMPENNES.

Family SPHENISCIDÆ.

**A**ptenodytes, Forster, 1781.  
**patagonica**, Forster. C.B.M. xxvi. 627; *A. longirostris*,  
Buller, ii. 306.

**Pygoscelis**, Wagler, 1832.

**papua**, Forster. C.B.M. xxvi. 631; *P. tenuiatus*, Buller, ii. 304.

**Catarrhactes**, Brisson, 1760.

**chrysocome**, Forster. C.B.M. xxvi. 635; Buller, ii. 290.

**pachyrhynchus**, Gray. C.B.M. xxvi. 638; Buller, ii. 287.

**sclateri**, Buller. C.B.M. xxvi. 640; Buller, ii. 289.

**schlegeli**, Finsch. C.B.M. xxvi. 643; *E. chrysolophus*, Buller, ii. 297 and 298.

**Megadyptes**, Milne-Edwards, 1880.

**antipodum**, Homb. and Jacq. C.B.M. xxvi. 644; Buller, ii. 294.

**Eudyptula**, Bonaparte, 1856.

**minor**, Forster. C.B.M. xxvi. 646; Buller, ii. 300 and 302.

**albosignata**, Finsch. C.B.M. xxvi. 648.

#### Order PYGOPODES.

##### Family PODICIPEDIDÆ.

**Podicipes**, Latham, 1787.

**cristatus**, Linnæus. C.B.M. xxvi. 544; Buller, ii. 283.

**rufipectus**, Gray. C.B.M. xxvi. 523; Buller, ii. 280.

#### Order ANSERES.

##### Family ANATIDÆ.

##### Sub-family ANATINÆ.

**Casarca**, Bonaparte, 1838.

**variegata**, Gmelin. C.B.M. xxvii. 183; Buller, ii. 264.

**Anas**, Linnæus, 1766.

**superciliosa**, Gmelin. C.B.M. xxvii. 206; Buller, ii. 251.

**Nettion**, Kaup, 1829.

**castaneum**, Eyton. C.B.M. xxvii. 252.

**gibberifrons**, S. Müller. C.B.M. xxvii. 254; Buller, ii. 261.

**Elasmonetta**, Salvadori, 1895.

**chlorotis**, Gray. C.B.M. xxvii. 287; Buller, ii. 257.

**Nesonetta**, Gray, 1844.

**aucklandica**, Gray. C.B.M. xxvii. 289; Buller, ii. 263.

**Spatula**, Boie, 1822.

**rhynchos**, Latham. C.B.M. xxvii. 314; *Rhynchaspis variegata*, Buller, ii. 269.

##### Sub-family FULIGULINÆ.

**Nyroca**, Fleming, 1822.

**australis**, Eyton. C.B.M. xxvii. 350; Buller, ii. 275.

**Fuligula**, Stephens, 1824.

**novæ-zealandiæ**, Gmelin. C.B.M. xxvii. ; 368 ; Buller, ii. 273.

        Sub-family MERGANETTINÆ.

**Hymenolæmus**, Gray, 1843.

**malacorhynchus**, Gmelin. C.B.M. xxvii. 455 ; Buller, ii. 276.

        Sub-family MERGINÆ.

**Merganser**, Brisson, 1760.

**australis**, Hombron and Jacquinot. C.B.M. xxvii. 484 ; Buller, ii. 279.

        Sub-class RATITÆ.

        Order APTERYGES.

        Family APTERYGIDÆ.

**Apteryx**, Shaw, 1813.

**australis**, Shaw. C.B.M. xxvii. 604 ; Buller, ii. 322 ; Parker, Trans. Phil. Soc. 1891, B, 25. *A. lawryi*, Rothschild ; C.B.M. xxvii. 606.

**mantelli**, Bartlett. C.B.M. xxvii. 607. *A. bulleri*, Buller, ii. 308.

**oweni**, Gould. C.B.M. xxvii. 609 ; Buller, ii. 327.

**occidentalis**, Rothschild. C.B.M. xxvii. 610 ; Novitates Zoologicæ, vi. 384, pl. 12.

**haasti**, Potts. C.B.M. xxvii. 611 ; Buller, ii. 330.

## APPENDIX TO AVES.

List of Wanderers which have been found in New Zealand.

Order PASSERES.

Family CAMPEPHAGIDÆ.

**Graucalus melanops**, Latham. C.B.M. iv. 30 ; Buller, i. 66.

Family MELIPHAGIDÆ.

**Acanthochæra carunculata**, Latham. C.B.M. ix. 263 ; Buller, i. 166.

Family HIRUNDINIDÆ.

**Petrochelida nigricans**, Vieillot. C.B.M. x. 190 ; Buller, i. 76.

Order PICARÆ.

Family CYPSELIDÆ.

**Micropus pacificus**, Blyth. C.B.M. xvi. 448 ; Buller, i. 117.

Family CORACIIDÆ.

**Eurystomus australis**, Swainson. C.B.M. xvii. 36. *E. pacificus*, Buller, i. 118.

## Order ACCIPITRES

## Family FALCONIDÆ.

**Cerchneis cenchroides**, Vigors and Horsfield. C.B.M. i.  
431; Buller, T.N.Z.I. xxviii. 359.

## Order HERODIONES.

## Family PLATALEIDÆ.

**Platalea regia**, Gould. C.B.M. xxvi. 47; Buller, ii. 144.

## Family IBIDÆ.

**Plegadis**, Kaup, 1829.

**falcinellus**, Linnæus. C.B.M. xxvi. 29.

## Order LIMICOLÆ.

## Family CHARADRIIDÆ.

## Sub-family LOBIVANELLINÆ.

**Lobivanellus lobatus**, Latham. C.B.M. xxiv. 139; Buller,  
ii. 13.

## Sub-family CHARADRIINÆ.

**Ægiatilis ruficapilla**, Temminck. C.B.M. xxiv. 286; Buller,  
ii. 5.

## Sub-family TOTANINÆ.

**Limosa hudsonica**, Lath. C.B.M. xxiv. 388.

**Numenius cyanopus**, Vieillot. C.B.M. xxiv. 350; Buller,  
ii. 45.

**Mesoscolopax minutus**, Gould. C.B.M. xxiv. 371; Hutton,  
T.N.Z.I. xxxv.

**Heteractitis incanus**, Gmelin. C.B.M. xxiv. 453; Buller,  
ii. 38.

**Glottis nebularius**, Gunner. C.B.M. xxiv. 481; Hutton,  
T.N.Z.I. xxxiv. 253.

**Gallinago australis**, Latham. C.B.M. xxiv. 653; Cheeseman,  
T.N.Z.I. xxxi. 105.

## Sub-family PHALAROPINÆ.

**Crymophilus fulicarius**, Linnæus. C.B.M. xxiv. 693;  
Buller, ii. 30.

## Order GAVIÆ.

## Family LARIDÆ.

## Sub-family STERNINÆ.

**Hydrochelidon leucoptera**, Meisner and Schinz. C.B.M.  
xxv. 6; Buller, ii. 77.

## Order STEGANOPODES.

## Family FREGATIDÆ.

**Fregata ariel**, Gould. C.B.M. xxvi. 447. *T. minor*, Buller,  
ii. 185.

## Family SULIDÆ.

**Sula sula**, Linnæus. C.B.M. xxvi. 436. *S. fusca*, Hamilton, T.N.Z.I. xxi. 128.

## Family PHALACROCORACIDÆ.

## Sub-family PLOTINÆ.

**Plotus novæ-hollandiæ**, Gould. C.B.M. xxvi. 417; Buller, ii. 175.

## Order ANSERES.

## Family ANATIDÆ.

## Sub-family ANATINÆ.

**Dendrocygna eytoni**, Gould. C.B.M. xxvii. 165; Buller, ii. 268.

## CLASS, REPTILIA.

## Order SQUAMATA.

## Sub-order LACERTILIA.

## Family GECKONIDÆ.

**Gehyra**, Gray, 1834.

*oceanica*, Lesson. Boulenger Cat. Lizards in B.M. i. 152.  
A specimen from Moko-hinou is in the British Museum.

**Naultinus**, Gray, 1840.

*grayi*, Bell. Lucas and Frost, T.N.Z.I. xxix. 267 (in part); Colenso, T.N.Z.I. xix. 147. *Variety sulphureus*, Buller, T.N.Z.I. iii. 8.

*elegans*, Gray. Lucas and Frost, T.N.Z.I. xxix. 267 (in part). *N. pentagonalis*, Colenso, T.N.Z.I. xxii. 262.

*rudis*, Fischer. Lucas and Frost, T.N.Z.I. xxix. 270.

**Hoplodactylus**, Fitzinger, 1843

*maculatus*, Gray. Lucas and Frost, T.N.Z.I. xxix. 271.

*pacificus*, Gray. Lucas and Frost, T.N.Z.I. xxix. 272.

*granulatus*, Gray. Lucas and Frost, T.N.Z.I. xxix. 273.

## Family SCINCIDÆ.

**Lygosoma**, Gray, 1828.

*grande*, Gray. Lucas and Frost, T.N.Z.I. xxix. 275.

*moco*, Dumeril and Bibron. Lucas and Frost, T.N.Z.I. xxix. 276.

*dendyi*, Boulenger. A.M.N.H. 7, ix. 196.

*lineo-ocellatum*, Dumeril. Lucas and Frost, T.N.Z.I. xxix. 277.

*smithii*, Gray. Lucas and Frost, T.N.Z.I. xxix. 277.

*aeneum*, Girard. Lucas and Frost, T.N.Z.I. xxix. 278.

*ornatum*, Gray. Lucas and Frost, T.N.Z.I. xxix. 279.

## Order RHYNCHOCEPHALIA.

## Family HATTERIIDÆ.

**Sphenodon**, Gray, 1831.

**punctatus**, Gray. Cat. Chelonians B.M. 2; Dendy, Q.J.M.S. xlii. 1; Howes, T.Z.S. xvi. 1; Harrison, Q.J.M.S. xliv. 161.

## APPENDIX TO REPTILIA.

List of Wanderers which have been found in New Zealand.

## Order SQUAMATA.

## Sub-order OPHIDIA.

## Family COLUBRIDÆ.

**Platurus colubrinus**, Schneider. C.B.M. iii. 308.**Hydrus platurus**, Linnæus. C.B.M. iii. 267.

## Order CHELONIA.

## Family SPHARGIDÆ.

**Dermochelys coriacea**, Linnæus. C.B.M. 10; Cheeseman, T.N.Z.I. xxv. 108.

## CLASS, AMPHIBIA.

## Order ANURA.

## Sub-order PHANEROGLOSSA.

## Family DISCOGLOSSIDÆ.

**Liopelma**, Fitzinger, 1861.

**hochstetteri**, Fitzinger. C.B.M. 448; T.N.Z.I. xii. 250.

## CLASS, PISCES.\*

## Sub-class TELEOSTOMI.

## Order TELEOSTEI.

## Sub-order ACANTHOPTERI.

## Family SERRANIDÆ.

**Polyprion**, Cuvier, 1817.

**prognathus**, Foster. Hutton, T.N.Z.I. xxii. 276; No. 26.

**Gilbertia**, Jordan, 1890.

**semicincta**, Cuvier. C.B.M. 2nd ed. i. 307. *Plectropoma huntii*, Hector, T.N.Z.I. vii. 240; Hutton, T.N.Z.I. xxviii. 314.

\* For a Bibliography see Hamilton, T.N.Z.I. xxxiv. 539.

**Cæciopercæ**, Castelnau, 1872.

**lepidoptera**, Forster. C.B.M. 2nd ed. i. 312; T.N.Z.I. xxii. 276; No. 23 (*Anthias*).

**Caprodon**, Temminck, 1844.

**longimanus**, Gunther. C.B.M. 2nd ed. i. 315; T.N.Z.I. xxii. 276; No. 24 (*Anthias*).

Family LUTJANIDÆ.

**Lirus**, Lowe, 1836.

**porosus**, Richardson (*Diagramma*), Challenger Reports, xxxi. 11.

**Plagiogenion**, Forbes, 1890.

**rubicinosus**, Hutton. T.N.Z.I. xxii. 277, No. 28.

Family PENTACEROTIDÆ.

**Pseudopentaceros**, Gill, 1893 (?).

**richardsoni**, Smith. T.N.Z.I. xxii. 277, No. 27 (*Pentaceros*).

Family ARRIPIDIDÆ.

**Arripis**, Jennings, 1840.

**trutta**, Cuvier. *A. salar*, Hutton, Cat. Fishes of N.Z. 2.

**Emmelichthys**, Richardson, 1846.

**nividus**, Richardson. Cat. Fishes N.Z. 3 (*Erythrichthys*).

Family PIMELEPTERIDÆ.

**Incisidens**, Gill, 1893 (?).

**simplex**, Richardson. T.N.Z.I. xxii. 277, No. 33 (*Girella*).

**multilineata**, Clarke. T.N.Z.I. xxxi. 98 (*Girella*).

**Atypichthys**, Gunther, 1862.

**strigatus**, Gunther. Kirk, T.N.Z.I. xii. 308 (*Atypus*).

Family SQUAMIPINNES.

**Scorpis**, Cuvier, 1831.

**violaceus**, Hutton. T.N.Z.I. xxii. 278 (*Nepiotichthys*);

Regan, A.M.N.H. 7, x. 116.

Family MULLIDÆ.

**Upeneichthys**, Bleeker, 1850.

**vlamingii**, Cuvier. Hector, T.N.Z.I. ix. 465.

Family SPARIDÆ.

**Pagrosomus**, Gill, 1893 (?).

**auratus**, Forster. *Pagrus unicolor*, Cat. Fishes N.Z. 6; T.N.Z.I. ix. 353.

Family HAPLODACTYLIDÆ.

**Haplodactylus**, Gunther, 1859.

**meandratus**, Solander. T.N.Z.I. xxii. 277, No. 34.

**Chironemus**, Cuvier, 1829.

**fergusoni**, Hector. T.N.Z.I. vii. 243, and ix. 467 (*Haplo-dactylus*).

**spectabilis**, Hutton. T.N.Z.I. xxii. 277, No. 35 (*Chilo-dactylus*).

**Chilodactylus**, Lacépède, 1803.

**macropterus**, Forster. Cat. Fishes N.Z. 8.

**douglasi**, Hector. T.N.Z.I. vii. 244.

**Mendosoma**, Guichen, 1847.

**lineata**, Gray. T.N.Z.I. xxii. 277, No. 41.

**Latris**, Richardson, 1840.

**ciliaris**, Forster. Cat. Fishes N.Z. 9.

**lineata**, Forster. Cat. Fishes N.Z. 8.

**aerosa**, Hutton. T.N.Z.I. ix. 353.

#### Family SCORPÆNIDÆ.

**Sebastapistes**, Streets, 1877.

**percoides**, Solander. T.N.Z.I. v. 261, and ix. 353 (*Sebastes*).

**barathri**, Hector. T.N.Z.I. vii. 245 (*Sebastes*).

**Scorpaena**, Cuvier, 1829.

**cruenta**, Solander. Cat. Fishes N.Z. 10; T.N.Z.I. v. 261.

**byssoensis**, Richardson. Hector, T.N.Z.I. xvi. 323.

**Cottapistus**, Bleeker, 1876

**cottoides**, Linnaeus. Cat. Fishes N.Z. 11 (*Prosopodasys*).

#### Family CONGIOPODIDÆ.

**Congiopodus**, Perry, 1871.

**leucopœcillus**, Richardson. T.N.Z.I. xxii. 277, No. 49

(*Agriopus*); Stenhouse, T.N.Z.I. xxvi. 111.

**peruvianus**, Cuvier. Hutton, T.N.Z.I. xxviii. 314.

#### Family COTTIDÆ.

**Neophryinchthys**, Gunther, 1876.

**latus**, Hutton. T.N.Z.I. xxii. 280, No. 100; Gill, Pro. U.S.

National Mus. xi 327.

#### Family TRACHINIDÆ.

**Leptoscopus**, Gill, 1859.

**macropygius**, Richardson. T.N.Z.I. xxii. 279, No. 88.

**Crapatalus**, Gunther, 1861.

**novæ-zealandiæ**, Gunther. T.N.Z.I. xxii. 279, No. 89.

**Genyagnus**, Gill, 1861.

**maculatus**, Forster. *K. monopterygium*, Bloch; Cat. Fishes N.Z. 23.

**Kathesostoma**, Gunther, 1860.

*lævis*, Bloch. Cat. Fishes N.Z. 23; *K. giganteum*, Haast, T.N.Z.I. v. 274.

*fluviatilis*, Hutton. Cat. Fishes N.Z. 24; T.N.Z.I. xxviii. 315.

**Bovichthys**, Cuvier, 1831.

*variegatus*, Richardson. T.N.Z.I. xxii. 279, No. 92.

**Notothenia**, Richardson, 1844.

*maoriensis*, Haast. T.N.Z.I. v. 276.

*angustata*, Hutton. T.N.Z.I. viii. 213.

*cornucola*, Richardson. T.N.Z.I. v. 262.

*arguta*, Hutton. T.N.Z.I. xi. 339.

*microlepidota*, Hutton. T.N.Z.I. viii. 213.

*parva*, Hutton. T.N.Z.I. xi. 339.

**Cheimarrichthys**, Haast, 1874.

*forsteri*, Haast. T.N.Z.I. vi. 103.

**Parapercis**, Steindachner, 1884.

*colias*, Forster. Cat. Fishes N.Z. 25 (*Percis*).

*gilliesii*, Hutton. A.M.N.H. 5, iii. 53.

#### Family BERYCIDÆ.

**Beryx**, Cuvier, 1829.

*affinis*, Gunther. T.N.Z.I. xxii. 278, No. 54.

**Trachyichthys**, Shaw, 18—(?).

*trailii*, Hutton. T.N.Z.I. xvii. 162; Challenger Reports, xxii. 23.

*elongatus*, Gunther. Cat. Fishes N.Z. 12.

*intermedius*, Hector. T.N.Z.I. vii. 245.

#### Family XIPHIDÆ.

**Xiphias**, Linnaeus, 1748.

*gladius*, Linnaeus. T.N.Z.I. xxii. 278, No. 55.

**Histiophorus**, Cuvier, 1831.

*herschelii*, Gray. T.N.Z.I. xxii. 278, No. 56.

#### Family LEPIDOPODIDÆ.

**Lepidopus**, Gouan, 1770.

*caudatus*, Euphrasen. T.N.Z.I. xxii. 278, No. 57.

*elongatus*, Clarke. T.N.Z.I. xi. 294.

#### Family GEMPYLIDÆ.

**Thyrsites**, Cuvier, 1831.

*atun*, Euphrasen. Cat. Fishes N.Z. 13.

**Promethichthys**, Gill, 1893.

*prometheus*, Webb and Berthel. Hector, T.N.Z.I. xvi. 322.

## Family CARANGIDÆ.

**Caranx**, Lacépède, 1800.

**georgianus**, Cuvier. Cat. Fishes N.Z. 16.  
**koheru**, Hector. T.N.Z.I. vii. 247.

**Trachurus**, Rafinesque, 1810.

**trachurus**, Linnæus. Cat. Fishes N.Z. 16.

**Seriola**, Cuvier, 1829.

**lalandii**, Cuvier. Cat. Fishes N.Z. 17.

**Naucrates**, Rafinesque, 1810.

**ductor**, Linnæus. Cat. Fishes N.Z. 18.

**Evistius**, Gill, 1893.

**buttoni**, Gunther. T.N.Z.I. xxii. 278, No. 70 (*Platystethus*).

## Family STROMATIDÆ.

**Cubiceps**, Lowe, 1843.

**gracilis**, Lowe (?). T.N.Z.I. xxviii. 315

**Seriolella**, Guichen, 1847.

**porosa**, Guichen (= *Neptomenus dolbula*, Gunther), Regan ;  
A.M.N.H. 7, x. 128 ; T.N.Z.I. viii. 211.

**bilineata**, Hutton. T.N.Z.I. xxviii. 314; Regan ; A.M.N.H.  
7, x. 128.

**brama**, Gunther. Cat. Fishes N.Z. 21 (*Neptomenus*).

**Centrolophus**, Lacépède, 1802.

**maoricus**, Ogilby. Rec. Aust. Mus. ii. 64, 1893.

**Lirus**, Lowe, 1833.

**porosus**, Richardson (*Diagramma*). Regan, A.M.N.H. 7,  
x. 202.

## Family CORYPHÆNIDÆ.

**Lampris**, Betzius, 1799.

**guttatus**, Gill, Mem. Nat. Acad. Sci. Phil. vi. 115 ; *L. lima*,  
Hector, T.N.Z.I. xvi. 322.

**Pteraclis**, Cuvier, 1833.

**velifer**, Pallas. C.B.M. i, ii. 411 ; Ogilby ; Records Aust.  
Mus. ii. 65.

**Brama**, Schneider, 1801.

**squamosa**, Hutton. T.N.Z.I. viii. 210 (*Toxotes*) ; T.N.Z.I.  
ix. 465.

## Family SCOMBRIDÆ.

**Scomber**, Linnæus, 1748.

**australiasicus**, Cuvier. Cat. Fishes N.Z. 21.

**Thynnus**, Cuvier, 1831.

**pelamys**, Linnæus. Specimen in Canterbury Museum.

**Sarda**, Cuvier, 1829.

**chilensis**, Cuvier. Cat. Fishes N.Z. 22 (*Pelamys*).

**Lepidothynnus**, Gunther, 1889.

**huttoni**, Gunther. Challenger Reports, xxxi. 15; Regan, A.M.N.H. 7, x. 120.

**Cybum**, Cuvier, 1831.

**guttatum**, Bleeker. T.N.Z.I. xxviii. 315.

**Gasterochisma**, Richardson, 1845.

**melampus**, Richardson. T.N.Z.I. vi. 104; Regan, A.M.N.H. 7, x.-120.

Family ECHENEIDIDÆ.

**Remora**, Willoughby, 1686.

**brachyptera**, Lowe. T.N.Z.I. viii. 217 (*Echeneis*).

Family CAPROIDÆ.

**Capromimus**, Gill, 1893.

**abbreviatus**, Hector. T.N.Z.I. vii. 247 (*Platystethus*).

**Zeus**, Linnæus, 1748.

**faber**, Linnæus. Cat. Fishes N.Z. 18.

**Cyttus**, Gunther, 1860.

**australis**, Richardson. Cat. Fishes N.Z. 19.

**novæ-zealandiæ**, Arthur. T.N.Z.I. xvii. 163 (*Zeus*).

**Rhombocytus**, Gill, 1893.

**traversi**, Hutton. T.N.Z.I. v. 261.

**Diretmus**, Johnston, 1863.

**aureus**, Campbell. T.N.Z.I. xi. 297 (*Discus*); Challenger Reports, xxii. 45.

Family CERATIIDÆ.

**Ægœonichthys**, Clarke, 1878.

**appellii**, Clarke. T.N.Z.I. x. 245.

Family TRIGLIDÆ.

**Trigla**, Linnæus, 1748.

**kumu**, Lesson. Cat. Fishes N.Z. 28.

**Lepidotrigla**, Gunther, 1860.

**vanessa**, Richardson. T.N.Z.I. xxii. 530.

**brachyptera**, Hutton. T.N.Z.I. v. 263.

Family GOBIIDÆ.

**Gobiomorphus**, Gill, 1893 (?).

**gobiooides**, Cuvier. T.N.Z.I. v. 263 (*Eleotris*).

**Eleotris**, Gronovius, 1763.

**radiata**, Quoy and Gaimard. T.N.Z.I. v. 263.

**huttoni**, Ogilby. P.L.S.N.S.W. 1894, ix. 369.

**Gobius**, Linnæus, 1748.

**lentiginosus**, Richardson. Cat. Fishes N.Z. 29; Gunther, 'Study of Fishes,' 486, fig. 220.

## Family HEMEROCETIDÆ.

**Hemerocetes**, Valenciennes, 1837.

**acanthorhynchus**, Forster. Cat. Fishes N.Z. 37.

## Family BLENNIIDÆ.

**Ericentrus**, Gill, 1893.

**rubrus**, Hutton. T.N.Z.I. v. 264 (*Clinus*).

**Cogrammus**, Gill, 1893.

**flavescens**, Hutton. T.N.Z.I. v. 264 (*Clinus*).

**Cristiceps**, Cuvier, 1836.

**australis**, Cuvier. T.N.Z.I. v. 264.

**Tripterygion**, Risso, 1826.

**tripinne**, Forster. *T. forsteri*, Cuvier, T.N.Z.I. ix. 354.

**decemdigitatum**, Clarke. T.N.Z.I. xi. 292.

**medium**, Gunther. T.N.Z.I. xxii. 280, No. 14.

**dorsale**, Clarke. T.N.Z.I. xi. 291.

**varium**, Forster. Cat. Fishes N.Z. 33.

**nigripenne**, Cuvier. T.N.Z.I. v. 263.

**robustum**, Clarke. T.N.Z.I. xxii. 28, No. 117.

**Achenopterus**, Gunther, 1861.

**aysoni**, Hector. T.N.Z.I. xxxiv. 240.

## Family ACANTHOCLINIDÆ.

**Acanthoclinus**, Jennings, 1842.

**littoreus**, Forster. Cat. Fishes N.Z. 34.

**taumaka**, Clarke. T.N.Z.I. xi. 393.

## Family ATERINIDÆ.

**Atherina**, Linnæus, 1766.

**pinguis**, Lacépède. Kirk, T.N.Z.I. xii. 309.

## Family SPHYRÆNIDÆ.

**Sphyraena**, Artedi, 1738.

**obtusata**, Cuvier. Kirk, T.N.Z.I. xii. 310.

## Family MUGILIDÆ.

**Mugil**, Linnæus, 1748.

**cephalotus**, Cuvier. T.N.Z.I. xxii. 281, No. 123.

**Agonostomus**, Telfaire, 1830.

**forsteri**, Bloch. Cat. Fishes N.Z. 37.

## Family MACRORHAMPHOSIDÆ.

**Centiscops**, Gill, 1862.

**humerosus**, Richardson. Cat. Fishes N.Z. 38 (*Centriscus*).

## Family GOBIESOCIDÆ.

**Diplocrepis**, Gunther, 1861.*puniceus*, Richardson. T.N.Z.I. xxii. 281, No. 126.**Trachelochismus**, Brisson, 1846.*pinnulatus*, Forster. T.N.Z.I. xxii. 281, No. 127.*littoreus*, Forster (*Cyclopterus*). *T. guttulatus*, Hutton, Cat. Fishes N.Z. 41.**Crepidogaster**, Gunther, 1861.*hectoris*, Gunther. T.N.Z.I. xxii. 281, No. 121.*simus*, Hutton. T.N.Z.I. xxviii. 316.

## Family TRACHYPTERIDÆ.

**Trachypterus**, Gouan, 1770.*altivelis*, Kner. T.N.Z.I. xxii. 281, No. 132.*arawata*, Clarke. T.N.Z.I. xiii. 195.

## Family LOPHOTIDÆ.

**Lophotes**, Giorna, 1803.*fiskei*, Gunther. T.N.Z.I. xxvi. 223, and xxix. 251.

## Family REGALICIDÆ.

**Regalicus**, Nardo, 1827.*pacificus*, Haast. T.N.Z.I. x. 247, and xi. 269.*argenteus*, Parker. T.N.Z.I. xvi. 284, and xx. 20.*grillii*, Lindroth. T.N.Z.I. xxiv. 192.

## Family NOTACANTHIDÆ.

**Notacanthus**, Lacépède. 1803.*sexspinis*, Richardson. Cat. Fishes N.Z. 39.

## Sub-order PHARYNGOGNATHI.

## Family ODACIDÆ.

**Odax**, Cuvier, 1839.*vittatus*, Solander. T.N.Z.I. xxii. 282, No. 144.**Coridodax**, Gunther, 1862.*pullus*, Forster. T.N.Z.I. xxii. 282, No. 145.

## Family LABRIDÆ.

**Pseudolabrus**, Bleeker, 1861.*fucicola*, Richardson. T.N.Z.I. xxii. 281, No. 137.*roseipunctatus*, Hutton. T.N.Z.I. xii. 455.*bothryocosmus*, Richardson. T.N.Z.I. v. 265.*miles*, Gill. *L. coccinea*. T.N.Z.I. xxii. 282, No. 139.*celidotus*, Forster. Cat. Fishes N.Z. 42; Gunther, A.M.N.H. 4, xvii. 398.*cinctus*, Hutton. T.N.Z.I. ix. 354.

**Pictilabrus**, Gill, 1892.

*laticlavius*, Richardson. Hector, T.N.Z.I. xvi. 323.

**Cymolutes**, Gunther, 1861.

*sandeyeri*, Hector. T.N.Z.I. xvi. 323.

**Lepidoplois**, Gill, 1863.

*unimaculatus*, Gunther. Hector, T.N.Z.I. xvi. 323.

**Duymræia**, Bleeker, 1856.

*flagillifera*, Cuvier. Hector, T.N.Z.I. xxii. 527; Gunther, C.F.B.M. iv. 121.

Sub-order ANACANTHINI.

Family PLEURONECTIDÆ.

**Caulopsetta**, Gill, 1893.

*scapha*, Forster. Cat. Fishes N.Z. 51. (*Pseudorhombus.*)

*boops*, Hector. T.N.Z.I. vii. 249.

*hectoris*, Gunther. Challenger Reports, xxii. 163.

**Brachypleura**, Gunther, 1862.

*novæ-zealandiæ*, Gunther. Hutton, Cat. Fishes N.Z. 50.

**Ammotretis**, Gunther, 1862.

*rostratus*, Gunther. Hutton, T.N.Z.I. viii. 215.

*guntheri*, Hutton. T.N.Z.I. v. 267.

**Rhombosolea**, Gunther, 1862.

*plebeia*, Richardson. *R. monopus*. Hutton, T.N.Z.I. xxii. 283, No. 170.

*flesoides*, Gunther. Hutton, T.N.Z.I. xxii. 283, No. 171.

*tapirina*, Gunther. Hutton, T.N.Z.I. xxii. 283, No. 172.

*retiaria*, Hutton. T.N.Z.I. xxii. 283, No. 173.

**Apsetta**, Kyle, 1901.

*thompsoni*, Kyle. P Z.S. 1900, p. 986.

**Peltorhamphus**, Gunther, 1862.

*novæ-zealandiæ*, Gunther. Hutton, Cat. Fishes N.Z. 52.

Family GADIDÆ.

**Physiculus**, Kaup, 1858.

*bacchus*, Forster. Hutton, Cat. Fishes N.Z. 46 (*Lotella*); Beattie, T.N.Z.I. xxiii. 71.

*rhacinus*, Forster. Hutton, T.N.Z.I. vi. plate 18, fig. 74.

**Pseudophycis**, Gunther, 1862.

*breviusculus*, Richardson. Hutton, Cat. Fishes N.Z. 47.

**Halargyreus**, Gunther, 1862.

*johsonii*, Gunther. Hutton, Cat. Fishes N.Z. 45.

**Onos**, Risso, 1826.

*novæ-zealandiæ*, Hector. T.N.Z.I. vi. 107 (*Motella*).

**Bathygadus**, Gunther, 1878.  
*cottoides*, Gunther. Hutton, T.N.Z.I. xxii. 282, No. 147.

**Merluccius**, Rafinesque, 1810.  
*gayi*, Guichen. Hutton, T.N.Z.I. xxii. 282, No. 148.

**Auchenoceros**, Gunther, 1889.  
*punctatus*, Hutton. T.N.Z.I. xxii. 282, No. 154.

## Family OPHIDIIDÆ.

**Hypolycodes**, Hector, 1881.  
*haastii*, Hector. T.N.Z.I. xiii. 194.

**Dinematicthys**, Bleeker, 1854.  
*consobrinus*, Hutton. Hector, T.N.Z.I. ix. 466.

**Genypterus**, Philippi, 1855.  
*blacodes*, Forster. Hutton, Cat. Fishes N.Z. 48.

## Family MACRURIDÆ.

**Cælorhynchus**, Agassiz, 1843.  
*parallelus*, Gunther. Challenger Reports, xxii. 125.  
*australis*, Richardson. Hutton, Cat. Fishes N.Z. 78.

**Macrurus**, Bloch, 1787.  
*rudis*, Gunther. Challenger Reports, xxii. 131.  
*serrulatus*, Gunther. Challenger Reports, xxii. 133.

**Cetonusurus**, Gunther, 1887.  
*crassiceps*, Gunther. Challenger Reports, xxii. 143.

**Chalinura**, Goode and Bean, 1886.  
*murrayi*, Gunther. Challenger Reports, xxii. 146.

**Optonurus**, Gunther, 1887.  
*denticulatus*, Richardson. Hutton, Cat. Fishes N.Z. 49.

**Nematonurus**, Gunther, 1887.  
*armatus*, Hector. T.N.Z.I. vii. 249; Challenger Reports,  
 xxii. 150.

**Trachyrhynchus**, Bonaparte, 18—(?).  
*longirostris*, Gunther. Challenger Reports, xxii. 153.

**Macrurorus**, Gunther, 1873.  
*novæ-zealandiæ*, Hector. T.N.Z.I. iii. 136 (*Coryphaenoides*).

## Sub-order PHYSOSTOMI.

## Family EXOCETIDÆ.

**Exocetus**, Linnæus, 1748.  
*micropterus*, Cuvier. Hutton, Cat. Fishes N.Z. 54.  
*speculiger*, Cuvier. Hutton, Cat. Fishes N.Z. 55.  
*irma*, Clarke. T.N.Z.I. xxxi. 94.

**Hemirhamphus**, Cuvier, 1817.

intermedius, Cuvier. Hutton, Cat. Fishes N.Z. 53.

**Sombresox**, Lacépède, 1803.

forsteri, Cuvier. Hutton, Cat. Fishes N.Z. 53.

Family STERNOPTYCHIDÆ.

**Argyropelecus**, Cocco, 1829.

intermedius, Clarke. T.N.Z.I. x. 244.

**Sternoptyx**, Herman, 17— (?).

diaphana, Herman. Gunther, Challenger Reports, xxii. 169.

**Phosichthys**, Hutton, 1872.

argenteus, Hutton. T.N.Z.I. v. 269. Challenger Reports, xxii. 178.

**Maurolicus**, Cocco, 1829.

australis, Hector. T.N.Z.I. vii. 250.

**Gonostoma**, Rafinesque, 1810.

microdon, Gunther. Challenger Reports, xxii. 175.

Family SCOPELIDÆ.

**Lampadena**, Goode and Bean, 1895.

parvimana, Gunther. Hutton, T.N.Z.I. v. 269 (*Scopelus*).

**Myctophum**, Rafinesque, 1810.

hectoris, Gunther. T.N.Z.I. ix. 471.

boops, Richardson. Hutton, T.N.Z.I. v. 269.

**Rhinoscopelus**, Lütken, 1892.

coruscans, Richardson. Hutton, T.N.Z.I. v. 270.

**Neoscopelus**, Johnson, 1863.

macrolepidotus, Johnson. Gunther, Challenger Reports, xxii. 196.

**Alepisaurus**, Lowe, 1833.

ferox, Lowe. Hutton, T.N.Z.I. xxxiv. 197.

**Bathysaurus**, Gunther, 1878.

ferox, Gunther. Hutton, T.N.Z.I. xxii. 283, No. 179.

**Chlorophthalmus**, Bonaparte, 1841.

gracilis, Gunther. Hutton, T.N.Z.I. xxii. 283, No. 180.

**Bathypterois**, Gunther, 1878.

longifilis, Gunther. Challenger Reports, xxii. 185.

Family HAPLOCHITONIDÆ.

**Prototroctes**, Gunther, 1864.

oxyrhynchus, Gunther. Hutton, Cat. Fishes N.Z. 57.

## Family ARGENTINIDÆ.

**Argentina**, Linnæus, 1748.**sphyraena**, Linnæus. Challenger Reports, xxii. 218; *A. de-*  
*cagon*, Clarke, T.N.Z.I. xi. 296.**elongata**, Hutton. A.M.N.H. 5, iii. 53; Challenger Re-  
ports, xxii. 218.**Retropinna**, Gill, 1862.**richardsoni**, Gill. Hutton, T.N.Z.I. xxii. 284, No. 194.

## Family GALAXIIDÆ.

**Galaxias**, Cuvier, 1817.**alepidotus**, Forster. Hutton, Cat. Fishes N.Z. 58.*var. brocchus*, Richardson. Voy. Erebus & Terror, Fishes, 76.**kokopu**, Clarke. T.N.Z.I. xxxi. 88**fasciatus**, Gray. Hutton, Cat. Fishes N.Z. 59.**bollonsi**, Hutton. T.N.Z.I. xxxiv. 192.**postvectis**, Clarke. T.N.Z.I. xxxi. 88.**robinsoni**, Clarke. T.N.Z.I. xxxi. 89.**brevipinnis**, Gunther. Hutton, Cat. Fishes N.Z. 59.*var. grandis*, Haast. T.N.Z.I. v. 278.**lynx**, Hutton. T.N.Z.I. xxviii. 317.**attenuatus**, Jennings. Hutton, Cat. Fishes N.Z. 60.**Neochanna**, Gunther, 1867.**apoda**, Gunther. Hutton, Cat. Fishes N.Z. 61.

## Family GONORHYNCHIDÆ.

**Gonorhynchus**, Gronovius, 1763.**greyi**, Richardson. Hutton, Cat. Fishes N.Z. 62.

## Family CLUPEIDÆ.

**Chanos**, Lacépède, 1803.**salmonœus**, Forster. Hutton, Cat. Fishes N.Z. 64.**Clupea**, Linnæus, 1748.**sagax**, Jenyns. Hutton, T.N.Z.I. xxii. 284, No. 199.**antipoda**, Hector. Hutton, Cat. Fishes N.Z. 133; T.N.Z.I.  
xv. 203.**Stolephorus**, Lacépède, 1803.**encrasicholus**, Linnæus. Hutton, Cat. Fishes N.Z. 99.

## Family MURÆNIDÆ.

**Muræna**, Linnæus, 1766.**krullii**, Hector. T.N.Z.I. ix. 468.**Ophisurus**, Lacépède, 1800.**novæ-zealandiæ**, Hector. T.N.Z.I. ii. 34.

**Anguilla**, Thunberg, 1790.  
*aucklandii*, Richardson. Hutton, Cat. Fishes N.Z. 64.  
*australis*, Richardson. Hutton, Cat. Fishes N.Z. 65.

**Congermuræna**, Kaup, 1866.  
*habentata*, Richardson. Hutton, Cat. Fishes N.Z. 66.

**Leptocephalus**, Gronovius, 1754.  
*conger*, Willoughby. Hutton, Cat. Fishes N.Z. 66.

Sub-order LOPHOBRANCHII.  
 Family HIPPOCAMPIDÆ.

**Hippocampus**, Leach, 1814  
*abdominalis*, Lesson. Hutton, Cat. Fishes N.Z. 70.

**Solegnathus**, Swainson, 1839.  
*spinossissimus*, Gunther. Hutton, Cat. Fishes N.Z. 69 ;  
 T.N.Z.I. xxii. 285, No. 214.

Family SYGNATHIDÆ.

**Stigmatophora**, Kaup, 1853.  
*longirostris*, Hutton. Cat. Fishes N.Z. 69 ; T.N.Z.I. xxii.  
 285, No. 213.

**Ichthyocampus**, Kaup, 1853.  
*filum*, Gunther. Hutton, Cat. Fishes N.Z. 68.

**Doryichthys**, Kaup, 1853.  
*elevatus*, Hutton. Cat. Fishes N.Z. 68.

**Siphostoma**, Rafinesque, 1810.  
*pelagica*, Linnaeus. Hutton, Cat. Fishes N.Z. 67.  
*blainvilliana*, Eydoux and Soul. Gill, Nat. Acad. of Sci.  
 Washington, vi. 122.

Sub-order PLECTOGNATHI.  
 Family BALISTIDÆ.

**Monacanthus**, Cuvier, 1817.  
*scaber*, Forster. T.N.Z.I. xxii. 285, No. 216.

Family TETRAODONTIDÆ.

**Amblyrhynchotus**, Bibron, 1855.  
*richei*, Fremiville. Cat. Fishes N.Z. 72.

**Crayracion**, Klein, 1743.  
*gillbanksii*, Clarke. T.N.Z.I. xxix. 245.

**Gastrophysus**, Müller, 1842.  
*cheesemanni*, Clarke. T.N.Z.I. xxix. 248.

Family DIODONTIDÆ.

**Dicotylichthys**, Kaup, 1855.  
*jaculiferus*, Cuvier. Hutton, T.N.Z.I. v. 271.

## Family MOLIDÆ.

**Mola**, Nardo, 1827.*mola*, Linnæus, Gill. Mem. Acad. Nat. Sci. Phil. vi. 122.

## Sub-class HOLOCEPHALI.

## Family CHIMÆRIDÆ.

**Callorhynchus**, Gronovius, 1754.*antarcticus*, Lacépède. Hutton, T.N.Z.I. xxii. 276, Nos. 21 and 22; Hector, T.N.Z.I. xxxiv. pl. xiv.**Chimæra**, Linnæus, 1766.*monstrosa*, var. *australis*, Hector. T.N.Z.I. xxxiv. 239.

## Sub-class ELASMOBRANCHII.

## Order SELACHII.

## Sub-order HYPOTREMI.

## Family AËTOBATIDÆ.

**Aëtobatus**, Blainville, 1828.*tenuicaudatus*, Hector. T.N.Z.I. ix. 286 (*Myliobatis*).

## Family DASYBATIDÆ.

**Dasybatis**, Bonaparte, 1841.*brevicaudatus*, Hutton. T.N.Z.I. viii. 216 (*Trygon*).

## Family TORPEDINIDÆ.

**Torpedo**, Dumeril, 1806.*fairchildi*, Hutton. Cat. Fishes N.Z. 83.*fusca*, Parker. T.N.Z.I. xvi. 281.

## Family NARCOBATIDÆ.

**Astrapæ**, Muller and Henle, 1837.*aysoni*, Hamilton. T.N.Z.I. xxxiv. 225.

## Family RAIIDÆ.

**Raia**, Linnæus, 1748.*nasuta*, Solander. Hutton, T.N.Z.I. xxii. 276, No. 18.

## Sub-order ASTEROSPONDYLI.

## Family SPHYRNIDÆ.

**Sphyrna**, Rafinesque, 1810.*zygæna*, Linnæus. *Z. malleus*, Hutton, T.N.Z.I. xxii. 275, No. 3.

## Family GALEIDÆ.

**Carcharias**, Rafinesque, 1810.*lamia*, Risso. Challenger Reports, xxxi. 5.**Carcharhinus**, Blainville, 1828.*brachyurus*, Gunther. Hutton, Cat. Fishes N.Z. 75.

**Galeorhinus**, Blainville, 1828.

*australis*, Macleay. Hutton, T.N.Z.I. xxii. 275, No. 2  
(*Galeus*).

**Galeus**, Cuvier, 1817.

*antarcticus*, Gunther. Hutton, T.N.Z.I. xxii. 275, No. 4  
(*Mustelus*). Parker, T.N.Z.I. xxii. 331.

Family ALOPIIDÆ.

**Alopias**, Rafinesque, 1810.

*vulpes*, Gmelin. Hutton, Cat. Fishes N.Z. 78.

Family CETORHINIDÆ.

**Cetorhinus**, Blainville, 1816.

*maximus*, Gunn. Cheeseman, T.N.Z.I. xxiii. 126 (*Selache*).

Family ISURIDÆ.

**Carcharodon**, A. Smith, 1837.

*carcharias*, Müller. *C. rondeletii*, Hutton, Cat. Fishes N.Z. 78.

**Isurus**, Rafinesque, 1810.

*cornubicus*, Gmelin. Haast, T.N.Z.I. vii. 237.

Family SCYLLIORHINIDÆ.

**Cephaloscyllium**, Gill, 1861.

*laticeps*, Dumeril. Hutton, T.N.Z.I. xxii. 276, No. 9.

Sub-order CYCLOSPONDYLI.

Family OXYNOTIDÆ.

**Oxynotus**, Rafinesque, 1810.

*bruniensis*, Ogilby. Records Aust. Mus. ii. 62; *C. salviana*, T.N.Z.I. xxii. 276, No. 10.

Family SQUALIDÆ.

**Squalus**, Linnæus, 1748.

*acanthias*, Linnæus. *A. vulgaris*, Hutton, Cat. Fishes N.Z. 76.

Family DALATHIIDÆ.

**Dalatias**, Rafinesque, 1810.

*lichia*, Cuvier. Parker, T.N.Z.I. xv. 223 (*Scymus*).

Family ECHINORHINIDÆ.

**Echinorhinus**, Blainville, 1828.

*spinosus*, Cuvier. Parker, T.N.Z.I. xvi. 280.

Sub-order OPISTHARTHRI.

Family HEXANCHIDÆ

**Notorhynchus**, Ayres, 1856

*indicus*, Cuvier. Hutton, Cat. Fishes N.Z. 79 (*Notidanus*).

CLASS, CYCLOSTOMATA.

Family PTEROMYZONTIDÆ.

**Geotria**, Gray, 1851.

**australis**, Gray. Hutton, T.N.Z.I. xxii. 285, Nos. 221 and 222; Dendy, T.N.Z.I. xxxiv. 147.

Family HEPTATREMIDÆ.

**Heptatrema**, Duméril, 18— (?).

**cirrata**, Forster. Hutton, Cat. Fishes N.Z. 87 (*Bdellostoma*).

CLASS, LEPTOCARDII.

Family BRACHIOSTOMIDÆ.

**Heteropleuron**, Kirkaldy, 1894.

**hectori**, Benham. Q.J.M.S. xliv. 273 (1901).

SUB-PHYLUM, UROCHORDA.

CLASS, TUNICATA.

Order ASCIDIACEÆ.

Sub-order ASCIDIÆ-COMPOSITÆ.

Family BOTRYLLIDÆ.

**Botryllus**, Lamarck, 1801.

**racemosus**, Quoy and Gaimard. Voy. Astrolabe, Zool. iii. 620 (Gen. dub.).

Family DISTOMIDÆ.

**Cystodytes**, Drasche, 1883.

**aucklandicus**, Nott. T.N.Z.I. xxiv. 323.

**perspicuus**, Nott. T.N.Z.I. xxiv. 326.

Family DIDEENNIDÆ.

**Leptoclinum**, Milne-Edwards, 1841.

**niveum**, Nott. T.N.Z.I. xxiv. 308.

**densem**, Nott. T.N.Z.I. xxiv. 311.

**tuberatum**, Nott. T.N.Z.I. xxiv. 314.

**maculatum**, Nott. T.N.Z.I. xxiv. 316.

Family —— (?).

**Polysyncraton**, Nott, 1892.

**paradoxum**, Nott. T.N.Z.I. xxiv. 318.

**fuscum**, Nott. T.N.Z.I. xxiv. 321.

## Sub-order ASCIDIÆ-SIMPLICES.

## Family BOLTENIDÆ.

**Boltenia**, Savigny, 1816.*pachydermatina*, Herdman. Challenger Reports, vi. 89 ;  
Watt, T.N.Z.I. xxiv. 334.**Culeolus**, Herdman, 1882.*wyville-thomsoni*, Herdman. Challenger Reports, vi. 103.

## Family CYNTHIDÆ.

**Polycarpa**, Heller, 1877.*elata*, Heller. Sitz. Akad. Wien, 1878 (Loc. dub.).*nebulosa*, Heller. Sitz. Akad. Wien, 1878 (Loc. dub.).

## Family ASCIDIIDÆ.

**Ascidia**, Linnæus, 1758.*erythrostoma*, Quoy and Gaimard. Voy. Astrolabe, Zool. iii. 609 (Gen. dub.).*janthinoctoma*, Quoy and Gaimard. Voy. Astrolabe, Zool. iii. 610 (Gen. dub.).*cærulea*, Quoy and Gaimard. Voy. Astrolabe, Zool. iii. 611 (Gen. dub.).

## Order THALIACEA.

## Family PYROSOMATIDÆ.

**Pyrosoma**, Péron, 1804.

sp. innom. Herdman. Challenger Reports, xxvii. pp. 13 and 35.

*elegans*, Lamarck (?). Challenger Reports, xxvii. p. 35.

## Family SALPIDÆ.

**Salpa**, Forskal, 1775.*costata-tilesii*, Quoy. Voy. Astrolabe, Zool. iii. 570 ; Chall. Rep. xxvii. 60.*infundibuliformis*, Quoy. Voy. Astrolabe, Zool. iii. 587.*cordiformis-zonaria*, Quoy. Challenger Reports, xxvii. 70.*democratica-mucronata*, Forster. Challenger Reports, xxvii. 79.

## Family DOLIOLIDÆ.

**Doliolum**, Quoy and Gaimard, 1835.*denticulatum*, Quoy. Challenger Reports, xxvii. 44.*ehrenbergii*, Krohn. Challenger Reports, xxvii. 46.

## CLASS, HEMICHORDA.

## Family HARRIMANCIDÆ.

**Dolichoglossus**, Spengel, 1893.*otagoensis*, Benham. T.N.Z.I. xxxii. 9 (*Balanoglossus*).

## PHYLUM, MOLLUSCA.

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### CLASS, CEPHALOPODA.

#### Order OCTOPODA.

##### Family OCTOPODIDÆ.

**Octopus**, Lamarck, 1799.

maorum, Hutton. Man. N.Z. Moll. 1.

communis, Park. T.N.Z.I. xvii. 198.

**Pinnocutus**, d'Orbigny, 1845.

cordiformis, Quoy and Gaimard. Man. N.Z. Moll. 2 ;  
Man. Conch. 1, i, 128.

**Eledone**, Leach, 1817.

verrucosa, Verrill. 'Blake' Report, 105.

##### Family ARGONAUTIDÆ.

**Argonauta**, Linnæus, 1758.

argo, Linnæus. Austral. Mus. Sydney, Cat. xv. 1 ; *A. bulleri*,  
T. W. Kirk.

nodosa, Solander. Austral. Mus. Sydney, Cat. xv. 2 : *A. gracilis*, T. W. Kirk.

#### Family AMPHITRETIDÆ.

**Amphitretus**, Hoyle, 1885.

pelagicus. Hoyle. Challenger Reports, xvi. 67.

#### Family CIRROTEUTHIDÆ.

**Cirroteuthis**, Eschricht, 1836.

meangensis, Hoyle. Challenger Reports, xvi. 63.

#### Order DECAPODA.

##### Family CRANCHIIDÆ.

**Taonius**, Steenstrup, 1861.

suhmii (Lankester), Hoyle. Challenger Reports, xvi. 45,  
192.

##### Family CHIROTEUTHIDÆ.

**Calliteuthis**, Verrill, 1880.

? reversa, Verrill. Ceph. N.E. America, 295.

## Family ONICHOTEUTHIDÆ.

**Onichoteuthis**, Lichtenstein, 1818.*banksii*, Leach. *O. bartlingii*, Lesueur. Man. Conch. i, i. 168.

## Family OMMASTREPHIDÆ.

**Todarodes**, Steenstrup, 1880.*sloanii*, Gray. Man. N.Z. Moll. 3; Man. Conch. i, i. 180.**Architeuthis**, Steenstrup, 1856.*verrillii*, T. W. Kirk. T.N.Z.I. xiv. 284.*kirkii*, Robson. T.N.Z.I. xix. 155.*longimanus*, T. W. Kirk. T.N.Z.I. xx. 34.**Steenstrupia**, T. W. Kirk, 1882.*stockii*, T. W. Kirk. T.N.Z.I. xiv. 286.

## Family LOLIGINIDÆ.

**Sepioteuthis**, Blainville, 1825.*lessoniana*, Féruccac. Austral. Mus. Sydney, Cat. xv. 14; Man. Conch. i, i. 152.*bilineata*, Quoy and Gaimard. Austral. Mus. Sydney, Cat. xv. 15; Man. Conch. i, i. 154.

## Family SEPIOLIDÆ.

**Sepiola**, Leach, 1817.*pacifica*, T. W. Kirk. T.N.Z.I. xiv. 283.

## Family SEPIIDÆ.

**Sepia**, Linnæus, 1758.*apama*, Gray. Austral. Mus. Sydney, Cat. xv. 11; Man. Conch. i, i. 194.

## Family SPIRULIDÆ.

**Spirula**, Lamarck, 1799.*peroni*, Lamarck. Austral. Mus. Sydney, Cat. xv. 10; Man. Conch. i, i. 205.

## CLASS, GASTEROPODA.

## Sub-class EUTHYNEURA.

## Order PULMONATA.

## Sub-order STYLOMMAТОPHORA.

## Family ONCIDIIDÆ.

**Onchidella**, Gray, 1850.*patelloides*, Quoy and Gaimard. Man. N.Z. Moll. 28.*nigricans*, Quoy and Gaimard. Man. N.Z. Moll. 28.*irrorata*, Gould. Man. N.Z. Moll. 28.*campbelli*, Filhol. Mission, Ile Campbell, 521.*obscura*, Plate. Zool. Jahrb. Anat. vii. 207.

## Family ATHORACOPHORIDÆ.

**Athoracophorus**, Gould, 1852 = *Janella*, Gray, 1850.  
**bitentaculatus**, Quoy and Gaimard. P.L.S.N.S.W. 2, vii. 661; P.Mal.S. ii. 247.  
**antipodium**, Gray. P.Mal.S. ii. 248.  
**papillatus**, Hutton. P.Mal.S. ii. 251.  
**marmoreus**, Hutton. P.Mal.S. ii. 255.  
**marmoratus**, v. Martens. Nova Acta, etc. liv. 71.  
**verrucosus** var. *nigricans*, v. Martens. Nova Acta, etc. liv. 77.  
**verrucosus** var. *fasciata*, v. Martens. Nova Acta, etc. liv. 79.  
**dubius**, Cockerell. P.Mal.S. ii. 249.  
**simrothi**, Suter. P.Mal.S. ii. 34.  
**dendyi**, Suter. P.Mal.S. ii. 253.  
**schauinslandi**, Plate. Zool. Jahrb. Anat. xi. 193-269.

## Family TORNATELLINIDÆ.

**Tornatellina**, Beck, 1837.  
**novoseelandica**, Pfeiffer. P.L.S.N.S.W. 2, vii. 660.

## Family BULIMULIDÆ.

**Placostylus**, Beck, 1837.  
**hongii**, Lesson. P.L.S.N.S.W. 2, vii. 632; Man. Conch. 2, xiii. 22.  
var. **novoseelandica**, Pfeiffer. P.L.S.N.S.W. 2, vii. 632; Man. Conch. 2, xiii. 24.  
var. **candida**, Crosse. P.L.S.N.S.W. 2, vii. 632; Man. Conch. 2, xiii. 25.

## Family PATULIDÆ.

Genus ENDODONTA, Albers, 1850.

**Charopa**, Albers, 1860.  
**coma**, Gray. P.L.S.N.S.W. 2, vii. 653; Man. Conch. 2, iii. 22.  
var. **globosa**, Suter. P.L.S.N.S.W. 2, vii. 654.  
,, **multicostata**, Murdoch. P.Mal.S. ii. 161.  
**egesta**, Gray. P.L.S.N.S.W. 2, vii. 659; Man. Conch. 2, iii. 23.  
**buccinella**, Reeve. P.L.S.N.S.W. 2, viii. 497; Man. Conch. 2, viii. 98; *E. sylvia*. Hutton, T.N.Z.I. xvi. 175.  
var. **serpentinula**, Suter. P.L.S.N.S.W. 2, vii. 657.  
**anguiculus**, Reeve. P.L.S.N.S.W. 2, vii. 655; Man. Conch. 2, iii. 23.  
var. **montivaga**, Suter. P.L.S.N.S.W. 2, viii. 498.  
,, **fuscosa**, Suter. T.N.Z.I. xxvi. 135.  
**corniculum**, Reeve. P.L.S.N.S.W. 2, vii. 655; Man. Conch. 2, iii. 24.

**Charopa** var. *maculata*, Suter. T.N.Z.I. xxiii. 89; Man. Conch. 2, viii. 96.  
**infecta**, Reeve. P.L.S.N.S.W. 2, vii. 657; Man. Conch. 2, iii. 23.  
*var. irregularis*, Suter. T.N.Z.I. xxii. 224; Man. Conch. 2, viii. 98.  
*var. alpestris*, Suter. T.N.Z.I. xxiii. 88; Man. Conch. 2, viii. 99.  
**caput-spinulæ**, Reeve. P.L.S.N.S.W. 2, vii. 659; Man. Conch. 2, iii. 102.  
**biconcava**, Pfeiffer. P.L.S.N.S.W. 2, vii. 658; Man. Conch. 2, i. 130.  
**modicella**, Féruccac, *var. vicinalis*, Mousson. Journ. de Conch. xxi. 112; Man. Conch. 2, iii. 39.  
**bianca**, Hutton. P.L.S.N.S.W. 2, vii. 655; Man. Conch. 2, viii. 97.  
*var. montana*, Suter. T.N.Z.I. xxiii. 88; Man. Conch. 2, viii. 97.  
**tapirina**, Hutton. P.L.S.N.S.W. 2, vii. 656; Man. Conch. 2, iii. 23.  
**colensoi**, Suter. P.L.S.N.S.W. 2, vii. 657; Man. Conch. 2, viii. 99.  
**variecostata**, Suter. T.N.Z.I. xxii. 225; Man. Conch. 2, viii. 100.  
**subantialba**, Suter. T.N.Z.I. xxii. 226; Man. Conch. 2, viii. 104.  
**huttoni**, Suter. T.N.Z.I. xxii. 226; Man. Conch. 2, viii. 104.  
**moussoni**, Suter. T.N.Z.I. xxii. 227; Man. Conch. 2, viii. 105.  
**sterkiana**, Suter. T.N.Z.I. xxiii. 85; Man. Conch. 2, viii. 101.  
*var. reeftonensis*, Suter. T.N.Z.I. xxiv. 294; Man. Conch. 2, viii. 102.  
*var. major*, Suter. T.N.Z.I. xxiv. 295.  
**brouni**, Suter. T.N.Z.I. xxiii. 86; Man. Conch. 2 viii. 102.  
**eremita**, Suter. T.N.Z.I. xxiii. 87; Man. Conch. 2, viii. 103.  
**mutabilis**, Suter. T.N.Z.I. xxiii. 84; Man. Conch. 2, viii. 101.  
**pseudocoma**, Suter. P.L.S.N.S.W. 2, viii. 495.  
**segregata**, Suter. P.L.S.N.S.W. 2, viii. 496.  
**prestoni**, Sykes. P.Mal.S. i. 218.  
**roseveari**, Suter. P.Mal.S. ii. 34.  
**titirangiensis**, Suter. P.Mal.S. ii. 35.  
**vortex**, Murdoch P.Mal.S. ii. 160.  
**otagoensis**, Suter. P.Mal.S. iii. 286.  
**subinfecta**, Suter. P.Mal.S. iii. 286.

**Æschrodomus**, Pilsbry, 1892.

**stipulata**, Reeve. P.L.S.N.S.W. 2, vii. 659; Man. Conch. 2, iii. 94.  
**barbatula**, Reeve. P.L.S.N.S.W. 2, vii. 660; Man. Conch. 2, iii. 95.

**Phenacharopa**, Pilsbry, 1893.

*novoseelandica*, Pfeiffer. P.L.S.N.S.W. 2, vii. 660.

**Thaumatodon**, Pilsbry, 1893.

*varicosa*, Pfeiffer. P.L.S.N.S.W. 2, viii. 493; Man. Conch. 2, iii. 23; T.N.Z.I. xxvi. 128.

*tau*, Pfeiffer. P.Mal.S. iii. 321; Man. Conch. 2, viii. 84.

*jessica*, Hutton. P.L.S.N.S.W. 2, vii. 651; Man. Conch. 2, viii. 85.

*cryptobidens*, Suter. T.N.Z.I. xxiii. 89; Man. Conch. 2, viii. 85.

**Ptychodon**, Ancey, 1888.

*leiodon*, Hutton. T.N.Z.I. xv. 135; Man. Conch. 2, viii. 87.

*pseudoleiodon*, Suter. T.N.Z.I. xxii. 221; Man. Conch. 2, viii. 88.

*wairarapa*, Suter. T.N.Z.I. xxii. 222; Man. Conch. 2, viii. 88.

*hectori*, Suter. P.L.S.N.S.W. 2, vii. 652; Man. Conch. 2, viii. 89.

*microundulata*, Suter. T.N.Z.I. xxii. 223; Man. Conch. 2, viii. 89.

*aorangi*, Suter. T.N.Z.I. xxii. 223; Man. Conch. 2, viii. 90.

*hunuaensis*, Suter. P.L.S.N.S.W. 2, viii. 494.

*ureweraensis*, Suter. Journ. Malac. vii. 53.

#### Family LAOMIDÆ.

**Laoma**, Gray, 1850.

*leimonias*, Gray. P.L.S.N.S.W. 2, vii. 646; Man. Conch. 2, iii. 68.

*pœcilsticta*, Pfeiffer. P.L.S.N.S.W. 2, vii. 646; Man. Conch. 2, iii. 68.

*marina*, Hutton. P.L.S.N.S.W. 2, vii. 646; Man. Conch. 2, viii. 57.

*pirongiaensis*, Suter. P.L.S.N.S.W. 2, viii. 491.

*ciliata*, Suter. T.N.Z.I. xxvi. 136.

*elegans*, Suter. P.Mal.S. ii. 35.

**Phrixgnathus**, Hutton, 1883.

*mariæ*, Gray. P.L.S.N.S.W. 2, vii. 647; Man. Conch. 2, iii. 37.

*erigone*, Gray. P.L.S.N.S.W. 2, vii. 648; Man. Conch. 2, iii. 37.

*glabriuscula*, Pfeiffer. P.L.S.N.S.W. 2, vii. 650; Man. Conch. 2, iii. 37.

*regularis*, Pfeiffer. P.L.S.N.S.W. 2, vii. 648; Man. Conch. 2, iii. 37.

*sciadium*, Pfeiffer. P.L.S.N.S.W. 2, vii. 650.

*fatua*, Pfeiffer. P.L.S.N.S.W. 2, vii. 650.

*conella*, Pfeiffer. P.L.S.N.S.W. 2, vii. 647; Man. Conch. 2, viii. 58.

**Phrixgnathus campbellica**, Filhol. P.L.S.N.S.W. 2, vii. 649.  
*ariel*, Hutton. P.L.S.N.S.W. 2, vii. 647; Man. Conch. 2,  
 viii. 59.  
**marginata**, Hutton. P.L.S.N.S.W. 2, vii. 647; Man.  
 Conch. 2, viii. 60.  
**celia**, Hutton. P.L.S.N.S.W. 2, vii. 648; Man. Conch. 2,  
 viii. 60.  
**pumila**, Hutton. P.L.S.N.S.W. 2, vii. 648; Man. Conch.  
 2, viii. 63.  
**phrynia**, Hutton. P.L.S.N.S.W. 2, vii. 649: Man. Conch. 2,  
 viii. 61; *L. acanthinulopsis*, Suter, P.L.S.N.S.W. 2, vii. 650.  
**var. major**, Suter. P.Mal.S. ii. 259.  
**titania**, Hutton. P.L.S.N.S.W. 2, vii. 650; Man. Conch.  
 2, viii. 62.  
**haasti**, Hutton. P.L.S.N.S.W. 2, vii. 650; Man. Conch. 2,  
 viii. 62.  
**microreticulata**, Suter. T.N.Z.I. xxii. 227; Man. Conch.  
 2, viii. 63.  
**raricostata**, Suter. T.N.Z.I. xxii. 226; Man. Conch. 2, viii. 100.  
**allochroida**, Suter. T.N.Z.I. xxii. 228; Man. Conch. 2, viii. 63.  
**var. sericata**, Suter. T.N.Z.I. xxii. 228; Man. Conch. 2,  
 viii. 64.  
**var. lateumbilicata**, Suter. T.N.Z.I. xxii. 228; Man.  
 Conch. 2, viii. 64.  
**transitans**, Suter. T.N.Z.I. xxiv. 297; Man. Conch. 2, viii. 59.  
**murdochii**, Suter. T.N.Z.I. xxvi. 136.  
**cheesemani**, Suter. T.N.Z.I. xxvi. 137.  
**lucida**, Suter. P.Mal.S. ii. 36.  
**var. elevata**, Suter. P.Mal.S. ii. 36.  
**spiralis**, Suter. P.Mal.S. ii. 36.  
**moellendorffii**, Suter. P.Mal.S. ii. 36.  
**sublucida**, Suter. P.Mal.S. ii. 37.  
**hamiltoni**, Suter. P.Mal.S. ii. 37.

#### Family PHENACOHELICIDÆ.

**Flammulina**, v. Martens, 1873.  
**zebra**, Le Guillot. P.L.S.N.S.W. 2, vii. 643; Man. Conch.  
 2, i. 128.  
**chiron**, Gray. P.L.S.N.S.W. 2, vii. 644; Man. Conch. 2, i. 129.  
**compressivoluta**, Reeve. P.L.S.N.S.W. 2, vii. 643; Man.  
 Conch. 2, i. 128.  
**crebriflammis**, Pfeiffer. P.L.S.N.S.W. 2, vii. 644; Man.  
 Conch. 2, i. 130 (not *infundibulum*, H. and J.).  
**alpina**, Suter. *Corneo-fulva*, Suter, not of Pfeiffer, which is  
*Hyalinia cellaria*, Mueller, an introduced species. P.L.S.  
 N.S.W. 2, vii. 644; Man. Conch. 2, viii. 76.  
**corna**, Hutton. P.L.S.N.S.W. 2, vii. 643; Man. Conch.  
 2, viii. 75.

**Flammulina jacquenetta**, Hutton. P.L.S.N.S.W. 2, vii. 643; Man. Conch. 2, viii. 76.  
**perdita**, Hutton. P.L.S.N.S.W. 2, vii. 644; Man. Conch. 2, viii. 76.  
**costulata**, Hutton. P.L.S.N.S.W. 2, vii. 645; Man. Conch. 2, viii. 73.  
**feredayi**, Suter. P.L.S.N.S.W. 2, vii. 645; Man. Conch. 2, viii. 74.  
*var. glacialis*, Suter. T.N.Z.I. xxiii. 92.  
**olivacea**, Suter. P.L.S.N.S.W. 2, vii. 645; Man. Conch. 2, viii. 75.  
**pilsbryi**, Suter. T.N.Z.I. xxvi. 133.

**Suteria**, Pilsbry, 1892.

*ide*, Gray. P.L.S.N.S.W. 2, vii. 642; Man. Conch. 2, ii. 210.

**Phenacohelix**, Suter, 1892.

**pilula**, Reeve. P.Mal.S. ii. 284; Man. Conch. 2, ii. 212.  
**chordata**, Pfeiffer. P.L.S.N.S.W. 2, vii. 642.  
**lucetta**, Hutton. P.L.S.N.S.W. 2, vii. 654; P. Mal. S. iii. 323.  
**perplexa**, Murdoch. P.Mal.S. ii. 161.  
**ponsonbyi**, Suter. P.Mal.S. ii. 285.  
*var. unicolor*, Suter. T.N.Z.I. xxvi. 134.

**Therasia**, Hutton, 1883.

**thaisa**, Hutton. P.L.S.N.S.W. 2, vii. 641; Man. Conch. 2, viii. 70.  
**celinde**, Gray. P.L.S.N.S.W. 2, vii. 640; Man. Conch. 2, ii. 211.  
**ophelia**, Pfeiffer. P.L.S.N.S.W. 2, vii. 640; Man. Conch. 2, ii. 211.  
**decidua**, Pfeiffer. P.L.S.N.S.W. 2, vii. 641; Man. Conch. 2, viii. 71.  
**valeria**, Hutton. P.L.S.N.S.W. 2, vii. 640; Man. Conch. 2, viii. 69.  
**tamora**, Hutton. P.L.S.N.S.W. 2, vii. 641; Man. Conch. 2, viii. 70.  
**traversi**, E. A. Smith. P.L.S.N.S.W. 2, vii. 641; Man. Conch. 2, ii. 214.

**Pyrrha**, Hutton, 1884.

**cressida**, Hutton. P.L.S.N.S.W. 2, vii. 640; Man. Conch. 2, viii. 72.  
**subincarnata**, Suter. T.N.Z.I. xxvi. 133.  
**virescens**, Suter. P.Mal.S. iii. 287.

**Allodiscus**, Pilsbry, 1892.

**dimorpha**, Pfeiffer. P.L.S.N.S.W. 2, vii. 638; Man. Conch. 2, ii. 211.

**Allodiscus**, Gray. P.L.S.N.S.W. 2, vii, 638.; Man. Conch. 2, ii. 211.  
**granum**, Pfeiffer. P.L.S.N.S.W. 2, vii. 43; *miranda*, Hutton, T.N.Z.I. xvi. 180; Man. Conch. 2, ii. 212; viii. 68.  
**venulata**, Pfeiffer. P.L.S.N.S.W. 2, vii. 638.  
**cassandra**, Hutton. P.L.S.N.S.W. 2, vii. 638; Man. Conch. 2, viii. 66.  
**planulata**, Hutton. P.L.S.N.S.W. 2, vii. 638; Man. Conch. 2, viii. 67.  
**adriana**, Hutton. P.L.S.N.S.W. 2, vii. 639; Man. Conch. 2, viii. 67.  
**godeti**, Suter. P.L.S.N.S.W. 2, vii. 639; Man. Conch. 2, viii. 68.  
**wairoensis**, Suter. P.L.S.N.S.W. 2, viii. 488.  
**urquharti**, Suter. P.L.S.N.S.W. 2, viii. 489.  
**smithi**, Suter. T.N.Z.I. xxvi. 134.  
**rustica**, Suter. T.N.Z.I. xxvi. 135.  
**chion**, Sykes. P.Mal.S. ii. 107.  
**mossi**, Murdoch. P.Mal.S. ii. 162.

**Gerontia**, Hutton, 1883.

**pantherina**, Hutton. P.L.S.N.S.W. 2, vii. 637; Man. Conch. 2, viii. 65.  
**cordelia**, Hutton. P.L.S.N.S.W. 2, vii. 637; Man. Conch. 2, viii. 66.

**Carthæa**, Hutton, 1884.

**kivi**, Gray. P.L.S.N.S.W. 2, vii. 633; Man. Conch. 2, iii. 37.

**Thalassohelix**, Pilsby, 1892.

**zealandiæ**, Gray. P.L.S.N.S.W. 2, vii. 637; Man. Conch. 2, ii. 214.  
*var antipoda*, Hombron and Jacquinot. P.L.S.N.S.W. 2, vii. 637; Man. Conch. 2, ii. 214.  
**aucklandica**, Le Guillou. P.L.S.N.S.W. 2, vii. 637.  
**ziczag**, Gould. P.L.S.N.S.W. 2, vii. 635; Man. Conch. 2, i. 252; viii. 69.  
**igniflua**, Reeve. P.L.S.N.S.W. 2, vii. 636; Man. Conch. 2, i. 129.  
*var. obnubila*, Reeve. P.L.S.N.S.W. 2, vii. 636.  
**propinqua**, Hutton. P.L.S.N.S.W. 2, vii. 636; Man. Conch. 2, viii. 72.

**Phacussa**, Hutton, 1883.

**helmsi**, Hutton. T.N.Z.I. xv. 137, 138.  
*var. maculata*, Hutton. T.N.Z.I. xvi. 205.  
**hypopolia**, Pfeiffer. P.L.S.N.S.W. 2, vii. 635; Man. Conch. 2, ii. 181, 212.  
**fulminata**, Hutton. T.N.Z.I. xv. 138.

**Phacussa fulminata**, var. *costata*, Suter. P.Mal.S. iii. 288.  
**henryi**, Suter. P.Mal.S. iii. 289.

Family LIMACIDÆ.

**Helicarion**, Féussac fils, 1822.

**kermadecensis**, E. A. Smith. P.L.S.N.S.W. 2, vii. 633; Man. Conch. 2, i. 158.

**Otoconcha**, Hutton, 1884.

**dimidiata**, Pfeiffer. P.L.S.N.S.W. 2, vii. 634; Man. Conch. 2, i. 181.

**Xesta**, Albers, 1850.

**novaræ**, Pfeiffer. P.L.S.N.S.W. 2, vii. 644; T.N.Z.I. xxvi. 130.

**Macrochlamys**, Benson, 1832 (s.str.).

**kermadeci**, Pfeiffer. P.L.S.N.S.W. 2, vii. 634.

**Medyla**, Albers, 1860 (*Coneuplecta*).

**exposita**, Mousson. P.L.S.N.S.W. 2, vii. 634; Man. Conch. 2, ii. 47.

Family RHYTIDIDÆ.

**Rhytida**, Albers, 1860.

**greenwoodi**, Gray. P.L.S.N.S.W. 2, vii. 630; Man. Conch. 2, i. 126; P.Mal.S. iv. 166.

**dunniæ**, Gray. P.L.S.N.S.W. 2, vii. 630; Man. Conch. 2, i. 126.

**var. beta**, Pfeiffer. P.L.S.N.S.W. 2, vii. 630; Man. Conch. 2, i. 126.

**patula**, Hutton. P.L.S.N.S.W. 2, vii. 630.

**citrina**, Hutton. P.S.L.N.S.W. 2, vii. 631.

**australis**, Hutton. P.L.S.N.S.W. 2, vii. 631.

**meesoni**, Suter. P.L.S.N.S.W. 2, vii. 631; P.Mal.S. iv. 168.

**Rhenea**, Hutton, 1893.

**coresia**, Gray. P.L.S.N.S.W. 2, vii. 631; Man. Conch. 2, i. 130; P.Mal.S. iv. 168.

**jeffreysiana**, Pfeiffer. P.L.S.N.S.W. 2, vii. 631; Man. Conch. 2, i. 129.

**Paryphanta**, Albers, 1850.

**busbyi**, Gray. P.L.S.N.S.W. 2, vii. 629; Man. Conch. 2, i. 127.

**urnula**, Pfeiffer. P.L.S.N.S.W. 2, vii. 630; Man. Conch. 2, i. 128.

**hochstetteri**, Pfeiffer. P.L.S.N.S.W. 2, vii. 629; Man. Conch. 2, i. 127; P.Mal.S. i. 5, iv. 171; A.M.N.H. 7, vii. 68; Zool. Jahrb. xiv. 369.

**gilliesi**, E. A. Smith. P.L.S.N.S.W. 2, vii. 629; Man. Conch. 2, i. 127.

**lignaria**, Hutton. T.N.Z.I. xx. 43; xxxii. 22.

**edwardi**, Suter. P.Mal.S. iii. 290; A.M.N.H. 7, vii. 70.

**Schizoglossa**, Hedley, 1893.

*novoseelandica*, Pfeiffer. P.L.S.N.S.W. 2, vii. 628; P.Mal.S. iv. 169; A.M.N.H. 7, vii. 71.

## Sub-order BASOMMATOPHORA.

## Family LIMNÆIDÆ.

## Sub-family PLANORBINÆ.

**Planorbis**, (Guettard) Geoffroy, 1767.

*corinna*, Gray. P.L.S.N.S.W. 2, vii. 626.

**Isidora**, Ehrenberg, 1831.

*variabilis*, Gray. P.L.S.N.S.W. 2, vii. 627; *gibbosa*, Hutton; T.N.Z.I. xiv. 155, not of Gould; *novæseelandicæ*, Clessin, Conch. Cab. 2, i. pt. 17, 372.

*tabulata*, Gould. P.L.S.N.S.W. 2, vii. 627; *coromandelicus*, Dunker, Mal. Blätt. ix. 150; *hochstetteri*, Dunker, l.c. 150. *antipodea*, Sowerby. P.L.S.N.S.W. 2, vii. 627.

## Sub-family LIMNÆINAÆ.

**Limnæa**, Lamarck, 1801.

*tomentosa*, Pfeiffer. P.L.S.N.S.W. 2, vii. 625.

*leptosoma*, Hutton. T.N.Z.I. xvii. 55.

*tenella*, Hutton. T.N.Z.I. xvii. 55, 56.

*pusilla*, Hutton. T.N.Z.I. xxii. 56.

*tenisoni*, Clessin, Conch. Cab. 2, i. pt. 17, 371.

*var. alfredi*, Suter. T.N.Z.I. xxii. 229; xxiv. 300.

**Amphipeplea**, Nilsson, 1822.

*arguta*, Hutton. T.N.Z.I. xvii. 54.

*ampulla*, Hutton. T.N.Z.I. xvii. 55.

*var. globosa*, Suter. T.N.Z.I. xxiii. 93.

## Sub-family ANCYLINÆ.

**Gundlachia**, Pfeiffer, 1847.

— *sp.* T.N.Z.I. xxvi. 122.

**Latia**, Gray. 1850.

*neritoides*, Gray. P.L.S.N.S.W. 2, vii. 624.

*var. lateralis*, Gould. P.L.S.N.S.W. 2, vii. 624.

*var. petitiana*, Fischer. Jour. de Conch. v. 84.

*var. gassiesiana*, Fischer. Jour. de Conch. v. 167.

## Family AMPHIBOLIDÆ.

**Amphibola**, Schumacher, 1817.

*crenata*, Martyn, Man. N.Z. Moll. 35; A.M.N.H. 5, iii. 181; *avellana*, Bruguière, 1789.

## Family AURICULIDÆ.

**Tralia**, Gray, 1840 (*Ophicardelus*).

*australis*, Quoy and Gaimard. Man. N.Z. Moll. 34.

**Marinula**, King, 1832.  
*filholi*, Hutton. Man. N.Z. Moll. 34.

**Leuconopsis**, Hutton, 1884.  
*obsoleta*, Hutton. Man. N.Z. Moll. 34; P.L.S.N.S.W. xxv. pl. xviii. fig. 16.  
 Order OPISTHOBRANCHIA.  
 Sub-order NUDBRANCHIA.  
 Family DORIDIDÆ.

**Archidoris**, Bergh. 1892.  
*tuberculata*, Cuvier. Man. N.Z. Moll. 125.

**Doris**, Linnaeus, 1758.  
*punctata*, Quoy and Gaimard. Man. N.Z. Moll. 125.  
*granulosa*, Abraham. Man. N.Z. Moll. 126.  
*longula*, Abraham. Man. N.Z. Moll. 126.  
*muscula*, Abraham. Man. N.Z. Moll. 126.  
*lanuginata*, Abraham. Man. N.Z. Moll. 127.  
*wellingtonensis*, Abraham. Man. N.Z. Moll. 127.  
*rubicunda*, Cheeseman. T.N.Z.I. xiii. 222.  
*flabellifera*, Cheeseman. T.N.Z.I. xiii. 222.  
*luctuosa*, Cheeseman. T.N.Z.I. xiv. 213.

**Chromodoris**, Alder and Hancock, 1855.  
*aureo-marginata*, Cheeseman. T.N.Z.I. xiii. 223.  
*amœna*, Cheeseman. T.N.Z.I. xviii. 137.

Family DORIOPSISIDÆ.

**Doriopsis**, Pease, 1860.  
*mammosa*, Abraham. P.Z.S. 1877, 266; T.N.Z.I. xiv.  
<sup>214.</sup>  
*citrina*, Cheeseman. T.N.Z.I. xiii. 223.

Family GONODORIDÆ.

**Acanthodoris**, Gray, 1850.  
*mollicella*, Abraham. Man. N.Z. Moll. 128.  
*globosa*, Abraham. Man. N.Z. Moll. 128.

**Atagena**, Gray, 1850.  
*carinata*, Quoy and Gaimard. Man. N.Z. Moll. 128.

Family POLYCERIDÆ.

**Euplocamus**, Philippi, 1836.  
*pacificus*, Bergh. Challenger Reports, x. 57.

Family ÆOLIDIDÆ.

**Æolis**, Cuvier, 1798.  
*gracilis*, T. W. Kirk. T.N.Z.I. xv. 217.  
*leptosoma*, Hutton. T.N.Z.I. xvi. 213.

**Fiona**, Hancock and Embleton, 1853.  
**marina**, Forskål. *Aeolis plicata*, Hutton, T.N.Z.I. xiv. 166 ;  
 Bergh, Opisthobranches Campagnes Hirondelle, 6-8, Pl. i.  
 figs. 7-16.

**Æolidiella**, Bergh, 1892.  
**drusilla**, Bergh. Erg. Reise Pacific, 233.  
**faustina**, Bergh. L.c. 235.

**Facelina**, Alder and Hancock, 1855.  
**longicauda**, Quoy and Gaimard. Man. N.Z. Moll. 129.

**Cratena**, Bergh. 1864.  
**corfei**, Hutton. T.N.Z.I. xiii. 203 ; xiv. 166.

#### Family HERMÆIDÆ.

**Stiliger**, Ehrenberg, 1831. *Calliopea*, d'Orbigny, 1837.  
**felina**, Hutton. T.N.Z.I. xv. 118, 133.

#### Sub-order TECTIBRANCHIA.

##### Family SIPHONARIIDÆ.

**Siphonaria**, Sowerby, 1824.  
**obliquata**, Sowerby. T.N.Z.I. xv. 141.  
**australis**, Quoy and Gaimard. T.N.Z.I. xv. 142 ; A.M.N.H.  
 5, ix. 341.  
**zelandica**, Quoy and Gaimard. T.N.Z.I. xv. 143.  
**tristensis** (Leach), Sowerby. *S. redimiculum*, Reeve.  
 T.N.Z.I. xv. 143.

**Gadinia**, Gray, 1824.  
**nivea**, Hutton. T.N.Z.I. xv. 144.

#### Family PLEUROBRANCHIDÆ.

**Pleurobranchus**, Cuvier, 1804.  
**ornatus**, Cheeseman. P.Z.S. 1878, 275 ; T.N.Z.I. xi. 378 ;  
 Man. Conch. 1, xvi. 206.  
**aurantiacus**, Risso. Zool. Jahrb. Syst. xiii. 210 ; Man.  
 Conch. 1, xvi. 195.

**Pleurobranchæa**, Meckel, 1813.  
**maculata**, Quoy and Gaimard. Voy. Astrol. ii. 301 ; Man.  
 Conch. 1, xvi. 227.  
**novæ-zealandiæ**, Cheeseman. P.Z.S. 1878, 276 ; T.N.Z.I.  
 xi. 378 ; Man. Conch. 1, xvi. 227.  
**var. granulosa**, Bergh. Zool. Jahrb. Syst. xiii. 209.

#### Family APLYSIIDÆ.

**Tethys**, Linnaeus, 1758.  
**brunnea**, Hutton. T.N.Z.I. vii. 279 ; Man. Conch. 1, xvi.  
 97.  
**venosa**, Hutton. T.N.Z.I. vii. 279 ; Man. Conch. 1, xvi. 98.

**Tethys tryoni**, Meinertzhangen. T.N.Z.I. xii. 270; Man. Conch. i, xvi. 16, 98.  
**hamiltoni**, T. W. Kirk. T.N.Z.I. xiv. 283; Man. Conch. i, xvi. 98.

**Notarchus**, Cuvier, 1817.

**glaucus**, Cheeseman. P.Z.S. 1878, 277; T.N.Z.I. xi. 379; Man. Conch. i, xvi. 146

Family AGLAJIDÆ.

**Aglaja**, Renier, 1804.

**cylindrica**, Cheeseman. T.N.Z.I. xiii. 224; Man. Conch. i, xvi. 49.

Family PHILINIDÆ.

**Philine**, Ascanius, 1772.

**aperta**, Linnæus. *P. angasi*, Crosse and Fischer. Man. N.Z. Moll. 123; Man. Conch. i, xvi. 8.

Family AKERATIDÆ.

**Akera**, O. F. Mueller, 1776.

**tumida**, A. Adams. Man. N.Z. Moll. 122; Man. Conch. i, xv. 379.

**Haminea**, Leach, 1847.

**zelandiae**, Gray. Man. N.Z. Moll. 121; Man. Conch. i, xv. 373.

**cuticulifera**, E. A. Smith. Man. N.Z. Moll. 122; Man. Conch. i, xv. 372.

? **castanea**, A. Adams. Sow. Thes. ii. 584; Man. Conch. i, xv. 374.

Family BULLIDÆ.

**Bulla**, Linnæus, 1758.

**australis** (Gray), Quoy and Gaimard. P.L.S.N.S.W. i, x. 89; Man. Conch. i, xv. 346.

**quoyi**, Gray. Man. N.Z. Moll. 121; Man. Conch. i, xv. 348.

Family SCAPHANDRIDÆ.

**Cylichna**, Lovén, 1846.

**arachis**, Quoy and Gaimard. Voy. Astrol. ii. 361; Man. Conch. i, xv. 318.

**striata**, Hutton. Man. N.Z. Moll. 120; Man. Conch. i, xv. 319.

Family ACTÆONIDÆ.

**Actæon**, Montfort, 1810.

**kirki**, Hutton. Man. N.Z. Moll. 119; Man. Conch. i, xv. 146.

**Solidula**, Fischer de Waldheim, 1807.

**alba**, Hutton. Man. N.Z. Moll. 119; Man. Conch. i, xv. 146.

**Solidula gracilis**, T. W. Kirk. T.N.Z.I. xiv. 268; Man. Conch. I, xv. 146.

**huttoni**, T. W. Kirk. T.N.Z.I. xiv. 268; Man. Conch. I, xv. 147.

**Leucotina**, A. Adams, 1860.

**pura**, A. Adams. Man. Conch. I, xv. 172.

**Bullinula**, Beck, 1840. *Bullina*, Adams, non Féruccac.

**scabra**, Gmelin. Man. N.Z. Moll. 120; Man. Conch. I, xv. 176; *B. lineata*, Wood.

Family TORNATINIDÆ.

**Tornatina**, A. Adams, 1850.

**pachys**, Watson. Challenger Reports, xv. 660; Man. Conch. I, xv. 198.

Family CAVOLINIIDÆ.

**Cavolinia**, Abildgaard, 1791.

**tridentata**, Forskål. Austral. Mus. Sydney, Cat. xv. 38.

Sub-class STREPTONEURA.

Sub-order HETEROPODA.

Family PTEROTRACHÆIDÆ.

**Carinaria**, Lamarck, 1801.

**australis**, Quoy and Gaimard. Voy. Astrol. ii. 394.

Sub-order PLATYPODA.

a. TOXOGLOSSA.

Family TEREBRIDÆ.

**Terebra**, Bruguière, 1789.

**tristis**, Deshayes. P.L.S.N.S.W. I, x. 118; Man. Conch. I, vii. 36.

Family CONIDÆ.

Sub-family PLEUROTOMINÆ.

**Pleurotoma**, Lamarck, 1822.

**ischna**, Watson. T.N.Z.I. xxxi. 65.

**Genotia**, H. and A. Adams, 1853.

**engonia**, Watson. T.N.Z.I. xxxi. 65.

**Drillia**, Gray, 1838.

**lævis**, Hutton. T.N.Z.I. xxxi. 66.

**amœna**, E. A. Smith. T.N.Z.I. xxxi. 66.

**Spirotropis**, Sars, 1878.

**bulbacea**, Watson. T.N.Z.I. xxxi. 67.

Sub-family CLAVATULINÆ.

**Surcula**, H. and A. Adams, 1853.

**novæ-zelandiæ**, Reeve. T.N.Z.I. xxxi. 67; Man. Conch. I, vi. 184.

**Surcula** trailli, Hutton. T.N.Z.I. xxxi. 68; Man. Conch. i, vi. 206, 208.  
**albula**, Hutton. T.N.Z.I. xxxi. 68.  
**cheesemani**, Hutton. T.N.Z.I. xxxi. 69.  
**gypsata**, Watson. T.N.Z.I. xxxi. 69.  
**varians**, Hutton. T.N.Z.I. xxxi. 69.  
**verrucosa**, Suter. T.N.Z.I. xxxi. 70.

## Sub-family MANGILINÆ.

**Mangilia** (Leach), Risso, 1826.  
**ula**, Watson. T.N.Z.I. xxxi. 71.  
**goodingi**, E. A. Smith. T.N.Z.I. xxxi. 71.  
**dictyota**, Hutton. T.N.Z.I. xxxi. 72.  
**subaustralis**, Suter. T.N.Z.I. xxxi. 72.  
**flexicostata**, Suter. T.N.Z.I. xxxi. 73.

**Clathurella**, Carpenter, 1857.

**sinclairi**, E. A. Smith. T.N.Z.I. xxxi. 73; Man. Conch. i, vi. 283.  
**subabnormis**, Suter. T.N.Z.I. xxxi. 74.  
**nodicincta**, Suter. T.N.Z.I. xxxi. 74.

**Daphnella**, Hinds, 1844.

**lymneiformis**, Kiener. T.N.Z.I. xxxi. 75; Man. Conch. i, vi. 300.  
**lacunosa**, Hutton. T.N.Z.I. xxxi. 75.  
**substriata**, Suter. T.N.Z.I. xxxi. 76.  
**protensa**, Hutton. T.N.Z.I. xxxi. 76; Man. Conch. i, vi. 208.  
**membranacea**, Watson. T.N.Z.I. xxxi. 77.  
**xanthias**, Watson. T.N.Z.I. xxxi. 77.

## Family CANCELLARIIDÆ.

**Cancellaria**, Lamarck, 1822.  
**trailli**, Hutton. Man. N.Z. Moll. 46.

*b.* RACHIGLOSSA.

## Family MURICIDÆ.

**Murex**, Linnaeus, 1758.  
**zelanicus**, Quoy and Gaimard. T.N.Z.I. xvi. 218; Man. Conch. i, ii. 108.  
**octogonus**, Quoy and Gaimard. T.N.Z.I. xvi. 218; Man. Conch. i, ii. 110.  
*var.* **espinosa**, Hutton. T.N.Z.I. xviii. 333.  
*var.* **umbilicata**, J. Woods. Journ. Malac. viii. 61.  
**angasi**, Crosse. T.N.Z.I. xvi. 219; Man. Conch. i, ii. 88  
**eos**, Hutton. Cat. Mar. Moll. N.Z. 8.

**Purpura**, Bruguière, 1789.

**succincta**, Martyn. T.N.Z.I. xvi. 221; Man. Conch. i, ii. 170; *P. textiliosa*, Lamarck. T.N.Z.I. xvi. 221.

**Purpura striata**, Martyn. T.N.Z.I. xvi. 221.  
*var. squamata*, Hutton. Man. N.Z. Moll. 56.  
*scobina*, Quoy and Gaimard. T.N.Z.I. xvi. 222; Man. Conch. i, ii. 170.  
*var. albomarginata*, Deshayes. T.N.Z.I. xvi. 222.  
*var. rutila*, Suter. Journ. Malac. vii. 55.  
**haustrum**, Martyn. T.N.Z.I. xvi. 222; Man. Conch. i, ii. 160.  
**tritoniformis**, Blainville. P. Roy. S. Vict. n.s. x. 275; Man. Conch. i, ii. 156.

**Trophon**, Montfort, 1810.

*stangeri*, Gray. T.N.Z.I. xvi. 219; Man. Conch. i, ii. 147.  
*duodecimus*, Gray. T.N.Z.I. xvi. 220; Man. Conch. i, ii. 147.  
*ambiguus*, Philippi. T.N.Z.I. xvi. 219; Man. Conch. i, ii. 133.  
*var. cretacea*, Reeve. Conch. Icon. Fusus, sp. 48.  
*var. pumila*, Suter. Journ. Malac. vii. 55.  
*patens*, Hombron and Jacquinot. Man. N.Z. Moll. 57; Man. Conch. i, ii. 177.  
*paivæ*, Crosse. Man. N.Z. Moll. 49; Man. Conch. i, ii. 155.  
*plebejus*, Hutton. T.N.Z.I. xvi. 220; Man. Conch. i, ii. 145.  
*inferus*, Hutton. T.N.Z.I. xvi. 221; Man. Conch. i, ii. 145.  
*cheesemani*, Hutton. T.N.Z.I. xvi. 220.

Family COLUMBELLIDÆ.

**Columbella**, Lamarck, 1799.

*choava*, Reeve. T.N.Z.I. xvi. 223. Man. Conch. i, v. 137.  
*huttoni*, Suter. For *sulcata*, Hutton, Man. N.Z. Moll. 45, preoccupied.

Family NASSIDÆ.

**Nassa**, Lamarck, 1799.

*glans*, Linnaeus. P. Roy. S. Vict. n.s. x. 280; Man. Conch. i, iv. 27.  
*ephamilla*, Watson. Challenger Reports, xv. 187.  
*dissimilis*, Watson. Challenger Reports, xv. 175.

Family BUCCINIDÆ.

**Siphonalia**, A. Adams, 1863.

*nodosa*, Martyns. Cat. Tert. Moll. B.M. i. 158; Man. Conch. i, iii. 136.  
*mandarina*, Duclos. Cat. Tert. Moll. B.M. i. 157; Man. Conch. i, iii. 138.  
*var. caudata*, Quoy and Gaimard. Voy. Astrol. ii. 503.  
*var. valedicta*, Watson. Challenger Reports, xv. 201.  
*dilatata*, Quoy and Gaimard. P. Roy. S. Vict. n.s. x. 272; Man. Conch. i, iii. 135.

**Cominella**, Gray, 1847.

**maculata**, Martyn. T.N.Z.I. xvi. 231; Man. Conch. i, iii. 204.  
**maculosa**, Martyn. T.N.Z.I. xvi. 231; Man. Conch. i, iii. 204.  
**testudinea**, Chemnitz. T.N.Z.I. xvi. 231; Man. Conch. i, iii. 203.  
**lineolata**, Lamarck. P. Roy. S. Vict. n.s. x. 275; Man. Conch. i, iii. 204.  
**nassoides**, Reeve. T.N.Z.I. xvi. 232; Man. Conch. i, iii. 206; *C. veneris*, Filhol, Mission Ile Campbell, 525.  
**lurida**, Philippi. T.N.Z.I. xvi. 233; Man. Conch. i, iii. 206.  
**virgata**, H. and A. Adams. T.N.Z.I. xvi. 232; Man. Conch. i, iii. 204.  
**huttoni**, Kobelt. T.N.Z.I. xvi. 232; Man. Conch. i, iii. 205.  
**campbelli**, Filhol. Mission Ile Campbell, 524.

**Euthria**, Gray, 1850.

**lineata**, Martyn. T.N.Z.I. xvi. 229; Man. Conch. i, iii. 151.  
**var. traversi**, Hutton. T.N.Z.I. xvi. 229; Man. Conch. i, iii. 136.  
**var. pertinax**, v. Martens. T.N.Z.I. xvi. 229; Man. Conch. i, iii. 151.  
**vittata**, Quoy and Gaimard. T.N.Z.I. xvi. 230; Man. Conch. i, iii. 152.  
**antarctica**, Reeve. T.N.Z.I. xxvi. 231; Man. Conch. i, iii. 150.  
**littorinoides**, Reeve. T.N.Z.I. xvi. 230; Man. Conch. i, iii. 151.  
**striata**, Hutton. T.N.Z.I. xvi. 230.  
**martensiana**, Hutton. T.N.Z.I. xvi. 230; Man. Conch. i, iii. 151.  
**flavescens**, Hutton. T.N.Z.I. xvi. 230.

**Pisania**, Bivona, 1832.

**reticulata**, A. Adams. P.Z.S. 1854, 138; Man. Conch. i, iii. 147.

## Family FASCIOLARIIDÆ.

**Fusus**, Lamarck, 1799.

**spiralis**, A. Adams. T.N.Z.I. xvi. 227.

**Taron**, Hutton, 1883.

**dubius**, Hutton. T.N.Z.I. xvi. 227; Man. Conch. i, ii. 156.

## Family MITRIDÆ.

**Mitra**, Lamarck, 1799.

**melaniana**, Lamarck. P. Roy. S. Vict. n.s. x. 186; Man. Conch. i, iv. 127.

**obscura**, Hutton. P.Mal.S. ii. 201.

**albopicta**, E. A. Smith. P.Mal.S. iii. 21.

**Vulpecula**, Blainville, 1824. *Turricula*, Klein, 1753.  
*rubiginosa*, Hutton. T.N.Z.I. xvi. 226.  
*planata*, Hutton. T.N.Z.I. xvii. 315.

Family VOLUTIDÆ.

**Scaphella**, Swainson, 1832.  
*gracilis*, Swainson. Cat. Tert. Moll. B.M. i. 114; Man.  
     Conch. i, iv. 94.  
*pacifica*, Lamarck. Cat. Tert. Moll. B.M. i. 113; Man.  
     Conch. i, iv. 94.  
*var. elongata*, Swainson. T.N.Z.I. xvi. 225.  
*lutea*, Watson. Challenger Reports, xv. 254.

Family MARGINELLIDÆ.

**Marginella**, Lamarck, 1801.  
*muscaria*, Lamarck. P. Roy. S. Vict. n.s. x. 189; Man.  
     Conch. i, v. 23.  
*turbinata*, Sowerby. Cat. Tert. Moll. B.M. i. 87; Man.  
     Conch. i, v. 23.  
*pygmæa*, Sowerby. P. Roy. S. Vict. n.s. xi. 191; Man.  
     Conch. i, v. 26, 93.  
*infans*, Reeve. T.N.Z.I. xvi. 224.  
*mustelina*, Angas. P.Z.S. 1871, 14.

Family OLIVIDÆ.

**Ancilla**, Lamarck, 1799.  
*australis*, Sowerby. Cat. Tert. Moll. B.M. i. 76; Man.  
     Conch. i, v. 94.  
*mucronata*, Sowerby. Reeve, Conch. Icon. sp. 10; *A. albisulcata*, Quoy and Gaimard, V. Astrol. iii. 19.  
*pyramidalis*, Reeve. Conch. Icon. sp. 11.  
*bicolor*, Gray. *A. novæ-zelandiæ*, Sowerby: *A. nana*, Watson, Challenger Reports, xv. 230.

*c. GYMNOGLOSSA.*

Family PYRAMIDELLIDÆ.

**Pyramidella**, Lamarck, 1799.  
*rosea*, Hutton. Man. N.Z. Moll. 72.

**Eulimella**, Forbes, 1846.  
*deplexa*, Hutton. T.N.Z.I. xvii. 318.

**Odontostoma**, Fleming, 1828.  
*angasi*, Tryon. Man. Conch. i, viii. 362.  
*impolita*, Hutton. Man. N.Z. Moll. 81.  
*hyphala*, Watson. Challenger Reports, xv. 483.

**Turbanilla**, Leach, 1826.  
*zealandica*, Hutton. Man. N.Z. Moll. 72.

## d. TÆNIOGLOSSA.

## Family LOTORIID.E.

**Lotorium**, Montfort, 1810.**olearium**, Linnaeus. P.L.S.N.S.W. 1, ix. 932; Man. Conch. 1, iii. 11.**tritonis**, Linnaeus. P.L.S.N.S.W. 1, ix. 932; Man. Conch. 1, iii. 9.**spengleri**, Chemnitz. P.L.S.N.S.W. 1, ix. 933; Man. Conch. 1, iii. 16.**cornutum**, Perry = *exaratum*, Reeve. P. Roy. S. Vict. n.s. x. 265; Man. Conch. 1, iii. 22.**rubicundum**, Perry = *nodiferum*, Lamarck. P.L.S.N.S.W. 1, ix. 932; Man. Conch. 1, iii. 10.**Apollo**, Montfort, 1810.**argus**, Gmelin. P. Roy. S. Vict. n.s. x. 267; Man. Conch. 1, iii. 44.**australasia**, Perry. *A. leucostomus*, Lamarck. P. Roy. S. Vict. n.s. 268; Man. Conch. 1, iii. 42.

## Family CASSIDID.E.

**Semicassis**, Mörch, 1852.**labiata**, Perry = *achatina*, Lamarck. P. Roy. S. Vict. n.s. xii. 189; Man. Conch. 1, vii. 278.**pyrum**, Lamarck. P. Roy. S. Vict. n.s. xii. 189; Man. Conch. 1, vii. 278.

## Family DOLIID.E.

**Dolium**, Lamarck, 1801.**variegatum**, Lamarck. Man. N.Z. Moll. 65; Man. Conch. 1, vii. 262.**costatum**, Menke. Man. Conch. 1, vii. 263.

## Family CYPR.EID.E.

**Trivia**, Gray, 1832.**europæa**, Montagu. P.L.S.N.S.W. 1, ix. 935; Man. Conch. 1, vii. 205.**australis**, Lamarck. P. Roy. S. Vict. n.s. xii. 187; Man. Conch. 1, vii. 206.

## Family STRUTHIOLARIID.E.

**Struthiolaria**, Lamarck, 1816.**papulosa**, Martyn. Cat. Tert. Moll. B.M. i. 219; Man. Conch. 1, vii. 133.**vermis**, Martyn. Cat. Tert. Moll. B.M. i. 219; Man. Conch. 1, vii. 133.**tricarinata**, Lesson. Man. N.Z. Moll. 68.

## Family VERMICULARIID.E.

**Tenagodes**, Guettard, 1770.  
*cumingi*, Mörch. P.Z.S. 1860, 403; Man. Conch. 1, viii.  
 190.  
*weldii*, J. Woods. P. Roy. S. Vict. n.s. xii. 205; Man.  
 Conch. 1, viii. 191.  
*australis*, Quoy and Gaimard. P. Roy. S. Vict. n.s. xii.  
 204; Man. Conch. 1, viii. 189.

**Vermicularia**, Lamarck, 1799; *Vermetus*, Adamson, 1757.  
*lamellosa*, Hutton. Man. N.Z. Moll. 85; Man. Conch. 1,  
 viii. 184.  
*zelandica*, Quoy and Gaimard. P.Z.S. 1862, 82; Man.  
 Conch. 1, viii. 182.  
*novæ-hollandiæ*, Rousseau. P. Roy. S. Vict. n.s. xii. 204;  
 Man. Conch. 1, viii. 179; *V. monilifera*, Hutton, Plioc.  
 Moll. N.Z. 66.  
*rosea*, Quoy and Gaimard. Man. N.Z. Moll. 85; Man.  
 Conch. 1, viii. 185.

## Family TURRITELLIDÆ.

**Turritella**, Lamarck, 1799.  
*rosea*, Quoy and Gaimard. Cat. Tert. Moll. B.M. i. 240;  
 Man. Conch. 1, viii. 199.  
*pagoda*, Reeve. Conch. Icon. sp. 60; Man. Conch. 1, viii.  
 204.  
*sinuata*, Reeve. Conch. Icon. sp. 62; Man. Conch. 1, viii.  
 200.  
*vittata*, Hutton. Man. N.Z. Moll. 84; Man. Conch. 1, viii.  
 208; *T. carlottæ*, Watson, Challenger Reports, xv. 478.  
*fulminata*, Hutton. Man. N.Z. Moll. 84; Man. Conch. 1,  
 viii. 208.  
*kanieriensis*, Harris. Cat. Tert. Moll. B.M. i. 241; *T.  
 tricincta*, Hutton.

## Family MELANIID.E.

**Melanopsis**, Féruccac père, 1807.  
*trifasciata*, Gray. P.L.S.N.S.W. 2, vii. 618.

## Family CERITHIID.E.

**Planaxis**, Lamarck, 1822.  
*mollis*, Sowerby. P.L.S.N.S.W. 2, ii. 993; Man. Conch. 1,  
 ix. 279.

**Triforis**, Deshayes, 1824.  
*gemmaulus*, Adams and Reeve. Voy. Samarang, 46;  
 Man. Conch. 1, ix. 181.  
*angasi*, Crosse. Man. N.Z. Moll. 75; Man. Conch. 1, ix. 179.

**Cerithiopsis**, Forbes and Hanley, 1849.*cerea*, Sowerby. Thes. Conch. ii. 880; Man. Conch. 1, ix.<sup>177.</sup>  
*terebelloides*, v. Martens. Man. N.Z. Moll. 74; Man. Conch. 1, ix. 158.**Potamides**, Brongniart, 1810.*bicarinatus*, Gray. Man. N.Z. Moll. 74; Man. Conch. 1, ix. 163.*subcarinatus*, Sowerby. P.L.S.N.S.W. 1, ix. 937; Man. Conch. 1, ix. 163.*alternatus*, Hutton. Man. N.Z. Moll. 74; Man. Conch. 1, ix. 165.*tricarinatus*, Hutton. P.L.S.N.S.W. 1, ix. 937; Man. Conch. 1, ix. 165.**Bittium** (Leach), Gray, 1847.*lawleyanum*, Crosse. Journ. de Conch. 1863, 87; Man. Conch. 1, ix. 154.*exile*, Hutton. T.N.Z.I. xvi. 214; Man. Conch. 1, ix. 158.*cylindricum*, Watson. Challenger Reports, xv. 550.

## Family ASSIMINEIDÆ.

**Assiminea**, Leach, 1828.*antipodum*, Filhol. Mission Ile Campbell, 523.

## Family HYDROBIIDÆ.

**Potamopyrgus**, Stimpson, 1865.*corolla*, Gould. P.L.S.N.S.W. 2, vii. 619.*antipodum*, Gray. P.L.S.N.S.W. 2, vii. 619.*cumingiana*, Fischer. P.L.S.N.S.W. 2, vii. 619.*spelæa*, Frauenfeld. Man. N.Z. Moll. 82.*pupoides*, Hutton. T.N.Z.I. xiv. 146.

## Family RISSOIDÆ.

**Rissoia**, Fréminville, 1813.*huttoni*, Suter. P.Mal.S. iii. 2.*hamiltoni*, Suter. P.Mal.S. iii. 2.*incidata*, Frauenfeld. P.Mal.S. iii. 3; Man. Conch. 1, ix. 339.*annulata*, Hutton. P.Mal.S. iii. 3.*var. minor*, Suter. P.Mal.S. iii. 3.*subfusca*, Hutton. P.Mal.S. iii. 4; Man. Conch. 1, ix. 344.*var. micronema*, Suter. P.Mal.S. iii. 4.*tenisoni*, Tate. *R. australis*, T. Woods, non Sow., P.Mal.S. iii. 4; P.L.S.N.S.W. xxv. pl. xxv. fig. 4.*fumata*, Suter. P.Mal.S. iii. 5.*foveauxiana*, Suter. P.Mal.S. iii. 5.*lubrica*, Suter. P.Mal.S. iii. 5.

**Rissoia cheilostoma**, T. Woods. *R. plicata*, Hutton, non Desh., P.Mal.S. iii. 6; Man. Conch. 1, ix. 86, 366.  
*var. lyalliana*, Suter. P.Mal.S. iii. 6.

**Rissoina**, d'Orbigny, 1840.  
*rugulosa*, Hutton. P.Mal.S. iii. 6.  
*fasciata*, A. Adams. P.Mal.S. iii. 7; Man. Conch. 1, ix. 380.  
*olivacea*, Hutton. P.Mal.S. iii. 7; Man. Conch. 1, ix. 397.

**Barleeia**, Clark, 1853.

*rosea*, Hutton. P.Mal.S. iii. 8; Man. Conch. 1, ix. 393.  
*neozelanica*, Suter. P.Mal.S. iii. 8.

#### Family REALIIDÆ.

**Realia**, Gray, 1850.

*egea*, Gray. P.L.S.N.S.W. 2, vii. 622.  
*var. albina*, Suter. T.N.Z.I. xxiv. 275.  
*turriculata*, Pfeiffer. P.L.S.N.S.W. 2, vii. 622.  
*hochstetteri*, Pfeiffer. P.L.S.N.S.W. 2, vii. 623.  
*carinella*, Pfeiffer. P.L.S.N.S.W. 2, vii. 623.

**Omphalotropis**, Pfeiffer, 1854.

*vestita*, Pfeiffer. P.L.S.N.S.W. 2, vii. 622.

#### Family DIPLOMMATINIDÆ.

**Palaina**, Semper, 1865.

*chordata*, Pfeiffer. P.L.S.N.S.W. 2, vii. 620.

**Paxillus**, H. and A. Adams, 1851.

*peregrinus*, Gould. P.L.S.N.S.W. 2, vii. 620.

#### Family CYCLOPHORIDÆ.

**Lagochilus**, Blanford, 1864.

*cytora*, Gray. P.L.S.N.S.W. 2, vii. 621.  
*lignarius*, Pfeiffer. P.L.S.N.S.W. 2, vii. 621.  
*pannosus*, Hutton. P.L.S.N.S.W. 2, vii. 621.  
*calvus*, Hutton. P.L.S.N.S.W. 2, vii. 621.  
*pallidus*, Hutton. P.L.S.N.S.W. 2, vii. 621.  
*hedleyi*, Suter. P.L.S.N.S.W. 2, viii. 484.  
*torquillus*, Suter. P.L.S.N.S.W. 2, viii. 485.  
*fasciatus*, Suter. T.N.Z.I. xxvi. 132.  
*chiltoni*, Suter. P.Mal.S. ii. 33.  
*studeri*, Suter. P.Mal.S. ii. 33.

#### Family LITORINIDÆ.

**Litorina**, Féussac, 1821.

*mauritiana*, Lamarck. P.L.S.N.S.W. 1, ix. 942; Man. Conch. 1, ix. 247.  
*cincta*, Quoy and Gaimard. P.L.S.N.S.W. 1, ix. 941.

**Lævilitorina**, Pfeiffer, 1886.

*caliginosa*, Gould, U.S. Expl. Exp. 198; Man. Conch. 1, ix. 254.

  ?*hamiltoni*, E. A. Smith. P.Mal.S. iii. 22. (*Paludestrina*.)

**Risellopsis**, Kesteven, 1902.

*varia*, Hutton. Man. N.Z. Moll. 79; Man. Conch. 1, ix. 255; Kesteven, Rec. Australian Mus. iv. 320.

**Risella**, Gray, 1840.

*melanostoma*, Gmelin. Man. N.Z. Moll. 79; Man. Conch. 1, ix. 262.

Family SOLARIIDÆ.

**Solarium**, Lamarck, 1799.

*luteum*, Lamarck. P. Roy. S. Vict. n.s. xiii. 139; Man. Conch. 1, ix. 16.

*reevei*, Hanley. *modesta*, Cooper, P.Z.S. 1862, 204; Man. Conch. 1, ix. 12.

Family HIPPONYCIDÆ.

**Hipponyx**, Defrance, 1819.

  ?*australis*, Lamarck. P. Roy. S. Vict. n.s. xii. 198; Man. Conch. 1, viii. 136.

Family CAPULIDÆ.

**Calyptreæ**, Lamarck, 1799.

*maculata*, Quoy and Gaimard. V. Astrol. iii. 422; *C. novæ zealandiæ*, Lesson, V. Coq. ii. 395; Man. N.Z. Moll. 86.

*scutum*, Lesson. Man. N.Z. Moll. 86; Man. Conch. 1, viii. 122.

**Crepidula**, Lamarck, 1799.

*aculeata*, Gmelin. Cat. Tert. Moll. B.M. i. 247; Man. Conch. 1, viii. 129.

*monoxyla*, Lesson. Cat. Tert. Moll. B.M. i. 246; Man. Conch. 1, viii. 128.

*crepidula*, Linnæus. *C. unguiformis*, Lamarck. Cat. Tert. Moll. B.M. i. 248; Man. Conch. 1, viii. 130.

Family XENOPHORIDÆ.

**Xenophora**, Fischer de Waldheim, 1807.

*pallidula*, Reeve. P.Z.S. 1842, 162; Man. Conch. 1, viii. 160.

Family TRICHOTROPIDÆ.

**Trichotropis**, Broderip and Sowerby, 1829.

*inornata*, Hutton. *T. clathrata*, Sowerby. Cat. Tert. Moll. B.M. i. 233; Man. Conch. 1, ix. 43.

**Lippistes**, Montfort, 1810.

*benhami*, Suter. Jour. Malac. ix. 65.

## Family MARSENIAIDÆ.

**Marsenia**, Leach, 1819.

**ophione**, Gray. P.Z.S. 1849, 169; Man. Conch. 1, viii. 63.  
**cerebroides**, Hutton. T.N.Z.I. xv. 122.

## Family NATICIDÆ.

**Natica**, Scopoli, 1777.

**zelandica**, Quoy and Gaimard. Cat. Tert. Moll. B.M. i. 259;  
 Man. Conch. 1, viii. 22.  
**australis**, Hutton. Man. N.Z. Moll. 72; Man. Conch. 1, viii. 54.  
**vitrea**, Hutton. P.L.S.N.S.W. 1, ix. 934; Man. Conch. 1,  
 viii. 54.

**Amaura**, Möller, 1842.

**apora**, Watson. Chall. Rep. xv. 454.

## e. PTENOGLOSSA.

## Family SCALARIIDÆ.

**Scalaria**, Lamarck, 1801.

**tenella**, Hutton. P.L.S.N.S.W. 1, ix. 943; Man. Conch. 1,  
 ix. 84; *S. novoseelandiae*, Clessin, Mart. and Chemn. 57.  
**philippinarum**, Sowerby. P. Roy. S. Vict. n.s. xiii. 144;  
 Man. Conch. 1, ix. 66.  
**jukesiana**, Forbes. P. Roy. S. Vict. n.s. xiii. 143; Man.  
 Conch. 1, ix. 66; *S. wellingtonensis*, T. W. Kirk, T.N.Z.I.  
 xii. 307.  
**australis**, Lamarck. P. Roy. S. Vict. n.s. xiii. 142; Man.  
 Conch. 1, ix. 76.  
**zelebori**, Frauenfeld. Man. N.Z. Moll. 69; Man. Conch. 1,  
 ix. 78; *S. reevei*, Clessin, Mart. and Chemn. 63.

**Aclia**, Lovén, 1846.

**hyalina**, Hutton. P.L.S.N.S.W. 1, ix. 935; Man. Conch. 1,  
 ix. 90.

## Family JANTHINIDÆ.

**Janthina**, Lamarck, 1799.

**fragilis**, Lamarck. Reeve, Icon. sp. 6; Man. Conch. 1, ix. 36.  
*var. planospirata*, Adams and Reeve; Man. Conch. 1, ix.  
 36: *Z. balteata*, Reeve, Conch. Icon. sp. 11.  
**globosa**, Swainson. Man. Conch. 1, ix. 37.  
**exigua**, Lamarck. P. Roy. S. Vict. n.s. xiii. 140; Man.  
 Conch. 1, ix. 37.

## Order ASPIDOBRANCHIA.

## Sub-order RHIPIDOGLOSSA.

## Family HYDROCENIDÆ.

**Hydrocena**, Parreyss, 1843.

**purchasi**, Pfeiffer. P.L.S.N.S.W. 2, vii. 623; Man. N.Z.  
 Moll. 40.

## Family NERITIDÆ.

**Nerita**, (Linnaeus, 1758), Lamarck, 1799.  
**nigra**, Gray. Dieffenb. N.Z. ii. 240; *N. melanotragus*, E. A. Smith; *N. saturata*, Hutton, P.L.S.N.S.W. 2, ii. 993; Man. Conch. 1, x. 26.  
**undata**, Linnaeus. Man. Conch. 1, x. 28.

## Family TURBONIDIDÆ.

**Turbo**, Linnaeus, 1758.  
**helicinus**, Born. *I. smaragdus*, Martyn. P.L.S.N.S.W. 1, ix. 355; Man. Conch. 1, x. 217.  
*var. tricostata*, Hutton. P.L.S.N.S.W. 1, ix. 355.  
**granosus**, Martyn. P.L.S.N.S.W. 1, ix. 355; Man. Conch. 1, x. 213.

**Leptothyra**, (Cpr.) Dall, 1871.

**fluctuata**, Hutton. T.N.Z.I. xvi. 215; Man. Conch. 1, x. 259.

**Phasianella**, Lamarck, 1804.

**limbata**, Hutton. Man. Conch. 1, ix. 355.  
**huttoni**, Pilsbry. Man. Conch. 1, x. 174.

**Astralium**, Link, 1807.

**sulcatum**, Martyn. P.L.S.N.S.W. 1, ix. 356; Man. Conch. 1, x. 242.  
*var. davisii*, Stowe. T.N.Z.I. iv. 218.  
**heliotropium**, Martyn. P.L.S.N.S.W. 1, ix. 356; Man. Conch. 1, x. 192.  
**? shandi**, Hutton. Man. N.Z. Moll. 91; Man. Conch. 1, x. 212.

## Family TROCHIDÆ.

**Trochus**, Linnaeus, 1758.  
**tiaratus**, Quoy and Gaimard. P.Mal.S. ii. 260; Man. Conch. 1, xi. 42.  
**chathamensis**, Hutton. P.Mal.S. ii. 260; Man. Conch. 1, xi. 43.  
**oppressus**, Hutton. P.Mal.S. ii. 261; Man. Conch. 1, xi. 232.  
*var. dunedinensis*, Suter. P.Mal.S. ii. 261.  
**viridis**, Gmelin. P.Mal.S. ii. 261; Man. Conch. 1, xi. 43.  
**ringens**, Menke. P.Mal.S. ii. 262; Man. Conch. 1, xi. 81.

**Monodonta**, Lamarck, 1801.

**æthiops**, Gmelin. P.Mal.S. ii. 262; Man. Conch. 1, xi. 98.  
**nigerrima**, Gmelin. P.Mal.S. ii. 264; *M. porcifera*, Suter, l.c. non Adams, nec Watson. Man. Conch. 1, xi. 97.  
**morio**, Troschel. P.Mal.S. ii. 263; *M. porcifer*, Watson, non Adams. Man. Conch. 1, xi. 102, 105.  
**atrovirens**, Philippi. P.Mal.S. ii. 263; Man. Conch. 1, xi. 110.

**Monodonta coracina**, Troschel. P.Mal.S. ii. 264; *M. niger-rima*, Hutton, *non* Gmelin; *M. porcifera*, A. Adams, *non* Watson. Man. Conch. i, xi. 103.  
*lugubris*, Gmelin. P.Mal.S. ii. 265; Man. Conch. i, xi. 100.  
*subrostrata*, Gray. P.Mal.S. ii. 266; Man. Conch. i, xi. 101.  
*corrosa*, A. Adams. P.Mal.S. ii. 266; Man. Conch. i, xi. 104; *M. melanoloma*, *auct. non* Menke.  
*var. undulosa*, A. Adams. P.Mal.S. ii. 267; Man. Conch. i, xi. 105.  
*var. plumbea*, Hutton. P.Mal.S. ii. 267; Man. Conch. i, xi. 105.  
**excavata**, Adams and Angas. P.Mal.S. ii. 265; Man. Conch. i, xi. 109.  
**crinita**, Philippi. P.Mal.S. ii. 267; Man. Conch. i, xi. 111.

**Cantharidus**, Montfort, 1810.

*purpuratus*, Martyn. P.Mal.S. ii. 270; Man. Conch. i, xi. 125.  
*var. texturata*, Gould. P.Mal.S. ii. 270; Man. Conch. i, xi. 125.  
*iris*, Gmelin. P.Mal.S. ii. 268; Man. Conch. i, xi. 122.  
*sanguineus*, Gray. P.Mal.S. ii. 271; Man. Conch. i, xi. 131.  
*var. cælata*, Hutton. P.Mal.S. ii. 272; Man. Conch. i, xi. 131.  
*var. elongata*, Suter. P.Mal.S. ii. 272.  
*pruinius*, Gould. P.Mal.S. ii. 268; Man. Conch. i, xi. 122.  
*var. perobtusa*, Pilsbry. P.Mal.S. ii. 269; Man. Conch. i, xi. 123.  
*tenebrosus*, A. Adams. P.Mal.S. ii. 269; Man. Conch. i, xi. 123.  
*var. huttoni*, E. A. Smith. P.Mal.S. ii. 269; Man. Conch. i, xi. 123.  
*rufozonas*, A. Adams. P.Mal.S. ii. 273; Man. Conch. i, xi. 150.  
*dilatatus*, Sowerby. P.Mal.S. ii. 272; Man. Conch. i, xi. 148.  
*pupillus*, Hutton. P.Mal.S. ii. 270; Man. Conch. i, xi. 130.  
*fasciatus*, Menke. P.Mal.S. ii. 274; Man. Conch. i, xi. 139  
*picturatus*, H. and A. Adams. P.Mal.S. ii. 274; Man. Conch. i, xi. 140.  
*conicus*, Gray. P.Mal.S. ii. 275; Man. Conch. i, xi. 275.

**Gibbula**, Risso, 1826.

*antipoda*, Hombron and Jacquinot. P.Mal.S. ii. 277; Man. Conch. i, xi. 217.  
*nitida*, Adams and Angas. P.Mal.S. ii. 277; Man. Conch. i, xi. 217.  
*fulminata*, Hutton. P.Mal.S. ii. 276; Man. Conch. i, xi. 216.  
*rosea*, Hutton. P.Mal.S. ii. 276; Man. Conch. i, xi. 216.  
*scamnata*, Fischer. P.Mal.S. ii. 278; Man. Conch. i, xi. 220.

**Gibbula tasmanica**, Petterd. P.Mal.S. ii. 276; Man. Conch. i, xi. 236.

**suteri**, E. A. Smith. P.Mal.S. ii. 278.

**micans**, Suter. P.Mal.S. ii. 279.

**Fossarina**, Adams and Angas, 1863.

**rimata**, Hutton. P.L.S.N.S.W. i, ix. 369 (*Minos*).

**Monilea**, Swainson, 1840.

**egena**, Gould. P.Mal.S. ii. 279; Man. Conch. i, xi. 253.

**Calliostoma**, Swainson, 1840.

**tigris**, Martyn. P.Mal.S. ii. 280; Man. Conch. i, xi. 333.

**punctulatum**, Martyn. P.Mal.S. ii. 280; Man. Conch. i, xi. 334.

**selectum**, Chemnitz. P.Mal.S. ii. 281; Man. Conch. i, xi. 335.

**pellucidum**, Valenciennes. P.Mal.S. ii. 281; Man. Conch. i, xi. 334.

**spectabile**, A. Adams. P.Mal.S. ii. 280; Man. Conch. i, xi. 332.

**Euchelus**, Philippi, 1847.

**bellus**, Hutton. P.Mal.S. ii. 282; Man. Conch. i, xi. 435.

*var.* **iricolor**, T. W. Kirk. P.Mal.S. ii. 282; Man. Conch. i, xi. 436.

**hamiltoni**, T. W. Kirk. P.Mal.S. ii. 282; Man. Conch. i, xi. 436.

**Ethalia**, A. Adams, 1853.

**zelandica**, Hombron and Jacquinot. P.Mal.S. ii. 283; Man. Conch. i, xi. 459.

#### Family CYCLOSTREMATIDÆ.

**Cirsonella**, Angas, 1877.

**neozealanica**, Murdoch. P.Mal.S. iii. 320.

#### Family PLEUROTOMARIIDÆ.

**Scissurella**, d'Orbigny, 1823.

**mantelli**, Woodward. P.Z.S. 1859, 202; Man. Conch. i, xii. 54.

**lytteltonensis**, E. A. Smith. P.Mal.S. i. 57.

#### Family HALIOTIDÆ.

**Haliotis**, Linnæus, 1758.

**iris**, Martyn. P.L.S.N.S.W. i, ix. 369; Man. Conch. i, xii. 110.

**rugoso-plicata**, Chemnitz. P.L.S.N.S.W. i, ix. 369; Man. Conch. i, xii. 110.

**virginea**, Chemnitz. P.L.S.N.S.W. i, ix. 370: *H. gibba*, Hutton, *non* Philippi, Man. Conch. i, xii. 107.

*var.* **huttoni**, Filhol. Mission Ile Campbell, 527; Man. Conch. i, xii. 108.

## Family FISSURELLIDÆ.

**Fissurella**, Bruguière, 1791.  
*squamosa*, Hutton. Man. N.Z. Moll. 105.

**Megatebennus**, Pilsbry, 1890.  
*moniliferus*, Hutton. Man. N.Z. Moll. 106; Man. Conch. 1, xii. 227.

**Emarginula**, Lamarck, 1801.  
*striatula*, Quoy and Gaimard. Cat. Tert. Moll. B.M. i. 288; Man. Conch. 1, xii. 259.

**Subemarginula**, Blainville, 1825.  
*rugosa*, Quoy and Gaimard, Voy. Astrol. iii. 331; Man. Conch. 1, xii. 278.  
*parmophoidea*, Quoy and Gaimard. Cat. Tert. Moll. B.M. i. 290; Man. Conch. 1, xii. 285.  
*intermedia*, Reeve. P.L.S.N.S.W. 1, ix. 371; Man. Conch. 1, xii. 285.

**Scutum**, Montfort, 1810.  
*ambiguum*, Chemnitz. Man. Conch. 1, xii. 289.

Sub-order DOCOGLOSSA.  
 Family PATELLIDÆ.

**Patella**, Linnæus, 1758.  
*tramoserica*, Martyn. P.L.S.N.S.W. 1, ix. 377; Man. Conch. 1, xiii. 142.  
*denticulata*, Martyn. Man. Conch. 1, xiii. 138.  
*stellifera*, Gmelin. P.L.S.N.S.W. 1, ix. 378; Man. Conch. 1, xiii. 141.  
*radians*, Gmelin. P.L.S.N.S.W. 1, ix. 376; Man. Conch. 1, xiii. 139; Newell, T.N.Z.I. xix. 157; *P. argyropsis*, Lesson; *P. radiatilis*, Hombron and Jacquinot; *P. decora*, Philippi; *P. sagittata*, Donovan.  
*var. pholidota*, Lesson. Man. N.Z. Moll. 108; Man. Conch. 1, xiii. 140.  
*var. argentea*, Quoy and Gaimard. Voy. Astrol. iii. 345.  
*var. earlii*, Reeve. P.L.S.N.S.W. 1, ix. 376.  
*var. flava*, Hutton. P.L.S.N.S.W. 1, ix. 378; Man. Conch. 1, xiii. 142.  
*var. olivacea*, Hutton. T.N.Z.I. xv. 133; Man. Conch. 1, xiii. 141.  
*ornata*, Dillwyn. Man. Conch. 1, xiii. 137.  
*var. inconspicua*, Gray. Man. N.Z. Moll. 107; Man. Conch. 1, xiii. 138.  
*strigilis*, Hombron and Jacquinot. P.L.S.N.S.W. 1, ix. 375; Man. Conch. 1, xiii. 137.  
*var. redimiculum*, Reeve. P.L.S.N.S.W. 1, ix. 375; Man. Conch. 1, xiii. 136.

**Patella floccata**, Reeve. Conch. Icon. sp. 106.  
**illuminata**, Gould. P.L.S.N.S.W. 1, ix. 376; Man. Conch. 1, xiii. 142.  
**kermadecensis**, Pilsbry. Nautilus, vii. 106; P. Acad. N.S. Philad. 1894, 208: *P. pilsbryi*, Brazier.

## Family ACMÆIDÆ.

**Acmaea**, Eschscholtz, (1828) 1830.  
**fragilis**, Chemnitz, P.L.S.N.S.W. 1, ix. 374; Man. Conch. 1, xiii. 59.  
**pileopsis**, Quoy and Gaimard. P.L.S.N.S.W. 1, ix. 373; Man. Conch. 1, xiii. 57.  
**septiformis**, Quoy and Gaimard, Voy. Astrol. iii. 362; Man. Conch. 1, xiii. 55: *A. scabrilirata*, Angas; *A. petterdi*, T. Woods.  
**lacunosa**, Reeve. Conch. Icon. Patella, sp. 120; *A. rubiginosa*, Hutton.  
**cantharus**, Reeve. Conch. Icon. Patella, sp. 131; Man. Conch. 1, xiii. 55.  
**octoradiata**, Hutton. Cat. M.M.N. Zeal. 44; *A. perplexa* Pils. xiii. 50.  
**corticata**, Hutton. P.L.S.N.S.W. 1, ix. 372; *A. lacunosa*, Pilsbry, *non* Reeve.  
**flammea**, Hutton, *non* Quoy and Gaimard. T.N.Z.I. xv. 128.  
**cingulata**, Hutton. P.L.S.N.S.W. 1, ix. 372; Man. Conch. 1, xiii. 53.  
**conoidea**, Hutton, *non* Quoy and Gaimard. T.N.Z.I. xv. 127.  
**chathamensis**, Pilsbry. Man. Conch. 1, xiii. 56.  
**helmsi**, E. A. Smith. P.Mal.S. i. 58.  
**? campbelli**, Filhol. Mission Ile Campbell, 530.

## CLASS, SCAPHOPODA.

## Family DENTALIIDÆ.

**Dentalium**, Linnaeus, 1758.  
**nanum**, Hutton. Cat. Tert. M.N. Zeal. 1; Man. Conch. 1, xvii. 9.  
**opacum**, Sowerby. Man. Conch. 1, xvii. 70.  
**zelandicum**, Sowerby. Thes. Conch. iii. 101; Man. Conch. 1, xvii. 70: *D. pacificum*, Hutton.  
**huttoni**, T. W. Kirk. T.N.Z.I. xii. 306; Man. Conch. 1, xvii. 71.  
**ecostatum**, T. W. Kirk. T.N.Z.I. xii. 306; Man. Conch. 1, xvii. 102.  
**diarrhoea**, Watson. Challenger Reports, xv. iv.; Man. Conch. 1, xvii. 109.

**Cadulus**, Philippi, 1844.

**colubridens**, Watson. Challenger Reports, xv. 18; Man. Conch. i, xvii. 184.

### CLASS, AMPHINEURA.

#### Order PLACOPHORA.

##### Family CHITONIDÆ.

**Chiton**, Linnæus, 1758.

**pellisserpentis**, Quoy and Gaimard. P.Mal.S. ii. 195; Man. Conch. i, xiv. 173.

**canaliculatus**, Quoy and Gaimard. P.Mal.S. ii. 196; Man. Conch. i, xiv. 177.

**quoyi**, Deshayes. P.Mal.S. ii. 194; Man. Conch. i, xiv. 172.

**sinclairi**, Gray. P.Mal.S. ii. 196; Man. Conch. i, xiv. 174.

**aereus**, Reeve. Conch. Icon. sp. 36; Man. Conch. i, xiv. 179.

**stangeri**, Reeve. P.Mal.S. ii. 196.

**limans**, Sykes. P.Mal.S. ii. 197; Man. Conch. i, xiv. 175.

**Eudoxochiton**, Shuttleworth, 1853.

**nobilis**, Gray. P.Mal.S. ii. 197; Man. Conch. i, xiv. 193.

**huttoni**, Pilsbry. Man. Conch. i, xiv. 194.

**Acanthopleura**, Guilding, 1835.

**granulata**, Gmelin. Man. Conch. i, xiv. 227; *A. corticata*, Hutton, P.Mal.S. ii. 198.

**Onithochiton**, Gray, 1847.

**undulatus**, Quoy and Gaimard. P.Mal.S. ii. 199; Man. Conch. i, xiv. 245.

**semisculptus**, Pilsbry. Man. Conch. i, xiv. 247.

##### Family ACANTHOCHITIDÆ.

**Spongiochiton**, Carpenter, 1873.

**productus**, (Cpr.) Pilsbry. Man. Conch. i, xiv. 26.

**Acanthochites**, Risso, 1826.

**porosus**, Burrow. P.Mal.S. ii. 193; Man. Conch. i, xv. 36.

**zelandicus**, Quoy and Gaimard. P.Mal.S. ii. 192; Man. Conch. i, xv. 16.

**violaceus**, Quoy and Gaimard. P.Mal.S. ii. 193; Man. Conch. i, xv. 39.

**rubiginosus**, Hutton. Man. N.Z. Moll. 114; Man. Conch. i, xv. 107; *A. costatus*, Suter, non Ad. and Ang., P.Mal.S. ii. 194.

##### Family MOPALIIDÆ.

**Plaxiphora**, Gray, 1847.

**biramosa**, Quoy and Gaimard. P.Mal.S. ii. 188; Man. Conch. i, xiv. 319.

**Plaxiphora superba**, (Cpr.) Pilsbry. P.Mal.S. ii. 188; Man. Conch. i, xiv. 319.  
**cælata**, Reeve. P.Mal.S. ii. 189; Man. Conch. i, xiv. 328.  
**suteri**, Pilsbry. Nautilus, viii. 8; P.Mal.S. ii. 190.  
**subatrata** (Pilsbry), Suter. P.Mal.S. ii. 190.  
**obtecta**, (Cpr.) Pilsbry. Man. Conch. i, xiv. 330; P.Mal.S. ii. 192.  
**ovata**, Hutton. P.Mal.S. ii. 192; Man. Conch. i, xiv. 332.

Family ISCHNOCHITONIDÆ.

**Callochiton**, Gray, 1847.  
**platessa**, Gould. P.Mal.S. ii. 184; Man. Conch. i, xiv. 49.  
**illuminatus**, Reeve. P.Mal.S. ii. 185; Man. Conch. i, xiv. 51.  
**empleurus**, Hutton. Man. N.Z. Moll. 113; P.Mal.S. ii. 185.  
**Ischnochiton**, Gray, 1847.  
**longicymba**, Quoy and Gaimard. P.Mal.S. ii. 186; Man. Conch. i, xiv. 87.  
**parkeri**, Suter. P.Mal.S. ii. 186.

Family LEPIDOPLEURIDÆ.

**Lepidopleurus**, Risso, 1826.  
**inguinatus**, Reeve. P.Mal.S. ii. 184; Man. Conch. i, xiv. 90; *L. liratus*, Adams and Angas.

CLASS, PELECYPODA.

Order SEPTIBRANCHIA.

Family CUSPIDARIIDÆ.

**Cuspidaria**, Nardo, 1840.  
**trailli**, Hutton. Man. N.Z. Moll. 137.

Order EULAMELLIBRANCHIA.

Sub-order SINUPALLIATA.

Family PERIPLOMIDÆ.

**Cochlodesma**, Couthouy, 1839.  
**angasi**, Crosse and Fischer. Journ. de Conch. xii. 349; xiii. 427; *Anatina tasmanica*, Hutton, non Reeve.

Family THRACIIDÆ.

**Thracia**, Blainville, 1824.  
**vitrea**, Hutton. Plioc. M.N.Z. 75.

Family CHAMOSTREIDÆ.

**Chamostrea**, F. de Roissy, 1825.  
**albida**, Lamarck. Man. N.Z. Moll. 138; Fischer, Man. de Conch. pl. xxiii. fig. 14; *Cheidothærus chamoides*, Sowerby.

## Family MYOCHAMIDÆ.

**Myodora**, Gray, 1840.  
*striata*, Quoy and Gaimard, Voy. Astrol. iii. 537; P.L.S.N.S.W. 1, ix. 514.  
*rotundata*, Sowerby. P.Z.S. 1875, 129; P.L.S.N.S.W. 1, ix. 515.  
*brevis*, Sowerby. P.L.S.N.S.W. 1, ix. 515.  
*pandoriformis*, Stutchbury. P.L.S.N.S.W. 1, ix. 515.  
*crassa*, Stutchbury. P.L.S.N.S.W. 1, ix. 516.  
*novæ - zealandiæ*, E. A. Smith. P.Z.S. 1880, 584; P.L.S.N.S.W. 1, ix. 516.  
*subrostrata*, E. A. Smith. P.Z.S. 1880, 584; P.L.S.N.S.W. 1, ix. 516.  
*antipodium*, E. A. Smith. P.Z.S. 1880, 585; P.L.S.N.S.W. 1, ix. 516.  
*boltoni*, E. A. Smith. P.Z.S. 585; P.L.S.N.S.W. 1, ix. 517.

## Family TEREDINIDÆ.

**Nausitora**, Wright, 1864.  
*antarctica*, Hutton. Man. N.Z. Moll. 133; P.L.S.N.S.W. 2, ix. pl. xxxii. figs. 6, 7.

## Family PHOLADIDÆ.

**Barnea**, Leach, 1826.  
*similis*, Gray. Man. N.Z. Moll. 132; P.L.S.N.S.W. 1, ix. 512.  
**Pholadidea**, Goodall, 1819.  
*tridens*, Gray. Man. N.Z. Moll. 133; P.L.S.N.S.W. 1, ix. 512.

## Family SAXICAVIDÆ.

**Panopea**, M. de la Groye, 1807.  
*zelandica*, Quoy and Gaimard, Voy. Astrol. iii. 547; P.L.S.N.S.W. 1, ix. 513.  
**Saxicava**, F. de Belluvue, 1802.  
*arctica*, Linnaeus. Man. N.Z. Moll. 134; *S. australis*, Lamarck, Challenger Reports, xiii. 78.

## Family CORBULIDÆ.

**Corbula** (Bruguière), Lamarck, 1797.  
*zelandica*, Quoy and Gaimard, Voy. Astrol. iii. 511; Man. N.Z. Moll. 135.  
*erythrodon*, Lamarck. Man. N.Z. Moll. 135; P.L.S.N.S.W. 1, ix. 513.  
*haastiana*, Hutton. Man. N.Z. Moll. 135.

## Family PSAMMOIIDÆ.

**Psammobia**, Lamarck, 1818.  
*stangeri*, Gray. Man. N.Z. Moll. 141.

**Psammobia lineolata**, Gray. Man. N.Z. Moll. 142.

*zealandica*, Deshayes. Man. N.Z. Moll. 142.

*affinis*, Reeve. Man. N.Z. Moll. 142.

**Solenotellina**, Blainville, 1824.

*nitida*, Gray. Man. N.Z. Moll. 142.

*radiata*, Deshayes. Man. N.Z. Moll. 145 (*Capsella*).

*siliqua*, Reeve. Man. N.Z. Moll. 142.

*incerta*, Reeve. Man. N.Z. Moll. 143; *S. nitens*, Tryon.

#### Family CARDIIDÆ.

**Cardium**, Linnaeus, 1758.

*pulchellum*, Gray (*non* Reeve). Man. N.Z. Moll. 153;

*C. striatum*, Sowerby, *non* Brocchi.

#### Family VENERIDÆ.

**Meretrix**, Lamarck, 1799.

*multistriata*, Sowerby. Man. N.Z. Moll. 149; Challenger Reports, xiii. pl. i. fig. 5.

**Dosinia**, Scopoli, 1777.

*subrosea*, Gray. Man. N.Z. Moll. 150; Ereb. and Terr. pl. iii. fig. 2.

*australis*, Gray. Man. N.Z. Moll. 150; Reeve, Conch. Icon. sp. 10.

*lambata*, Gould. Man. N.Z. Moll. 150; *D. carpenteri*, Roemer; *Cyclina kroyeri*, Philippi.

*grayi*, Zittel. Man. N.Z. Moll. 151.

**Chione**, M. von Muehlfeldt, 1811.

*oblonga*, Hanley. Man. N.Z. Moll. 147; Ereb. and Terr. pl. ii. fig. 1.

*stutchburyi*, Gray. Man. N.Z. Moll. 148; Ereb. and Terr. pl. iii. fig. 4.

*costata*, Quoy and Gaimard. Man. N.Z. Moll. 148; Voy. Astrol. pl. lxxxiv. figs. 1, 2.

*crassa*, Quoy and Gaimard. Man. N.Z. Moll. 148; Voy. Astrol. pl. lxxxiv. figs. 7, 8; *C. denticulata*, *C. mesodesma*, Quoy and Gaimard.

*crebra*, Hutton. Man. N.Z. Moll. 147.

**Anaitis**, Roemer, 1857.

*disjecta*, Perry = *lamellata*, Lamarck. Man. N.Z. Moll. 147.

*yatei*, Gray. Man. N.Z. Moll. 147; Ereb. and Terr. pl. iii. fig. 11.

**Tapes**, M. von Muehlfeldt, 1811.

*intermedia*, Quoy and Gaimard. Man. N.Z. Moll. 151; Voy. Astrol. pl. lxxxiv. figs. 9, 10.

**Venerupis**, Lamarck, 1818.

**reflexa**, Gray. Man. N.Z. Moll. 152; Ereb. and Terr. pl. ii. fig. 3; *V. paupercula*, Deshayes.  
**siliqua**, Deshayes. Man. N.Z. Moll. 152; P.Z.S. 1853, pl. xviii. fig. 1.  
**elegans**, Deshayes. Man. N.Z. Moll. 152; Ereb. and Terr. pl. ii. fig. 6.  
**insignis**, Deshayes. Man. N.Z. Moll. 152; P.Z.S. 1853, pl. xviii. fig. 4.

## Family MACTRIDÆ.

**Mactra** (Linnaeus, 1758), Lamarck.

**discors**, Gray. Man. N.Z. Moll. 138; Ereb. and Terr. pl. ii. fig. 4; *M. murchisoni*, Deshayes.  
**æquilatera**, Deshayes. Man. N.Z. Moll. 139; Ereb. and Terr. pl. ii. fig. 10.  
**scalpellum**, Deshayes. Man. N.Z. Moll. 138; T.N.Z.I. xxxii. pl. xx. fig. 10.  
**lavata**, Hutton. Plioc. Moll. N.Z. 76, pl. viii. fig. 81.  
**ordinaria**, E. A. Smith. P.Mal.S. iii. 23.

**Standella**, Gray, 1852.

**elongata**, Quoy and Gaimard. Man. N.Z. Moll. 139; Voy. Astrol. pl. lxxxiii. figs. 1, 2; *S. notata*, Hutton.  
**ovata**, Gray. Man. N.Z. Moll. 139; Ereb. and Terr. pl. ii. fig. 2.  
**rudis**, Hutton. Plioc. Moll. N.Z. 77, pl. viii. fig. 83.

**Resania**, Gray, 1852. *Vanganella*, Gray (1851), 1853.

**lanceolata**, Gray. Man. N.Z. Moll. 140; Ereb. and Terr. pl. ii. fig. 5.; *V. taylori*, Gray.

**Zenatia**, Gray, 1852.

**acinaces**, Quoy and Gaimard. Man. N.Z. Moll. 140; Voy. Astrol. pl. lxxxiii. figs. 5, 6; *Z. deshayesi*, Reeve.

**Raëta**, Gray, 1852.

**perspicua**, Hutton. Man. N.Z. Moll. 141.

**Cyamiomactra**, Bernard, 1898.

**problematica**, Bernard. Bull. Mus. Paris, iii. 311.

**Perrierina**, Bernard, 1898.

**taxodonta**, Bernard. Bull. Mus. Paris, iii. 312.

## Family MESODESMATIDÆ.

**Mesodesma**, Deshayes, 1831.

**novæ-zealandiæ**, Chemnitz. Man. N.Z. Moll. 145; Voy. Astrol. pl. lxxxii. figs. 9–11; *M. ovalis*, Deshayes.  
**ventricosa**, Gray. Man. N.Z. Moll. 145; Ereb. and Terr. pl. iii. fig. 6.

**Atactodea**, Dall, 1895.

**subtriangulata**, Gray. Man. N.Z. Moll. 146; Griffith's Cuvier Anim. Kingd. xii. pl. xxii. fig. 4; *Mesodesma spissa*, Reeve, Conch. Icon. sp. 18.

## Family TELLINIDÆ.

**Tellina** (Linnaeus, 1758), Lamarck.

**alba**, Quoy and Gaimard. Man. N.Z. Moll. 143; Voy. Astrol. pl. lxxxii. figs. 1-3.

**lactea**, Quoy and Gaimard. Voy. Astrol. iii. 501; pl. lxxxii. figs. 14-16; *T. deltoidalis*, Hutton, non Lamarck.

**ticaonica**, Deshayes. Man. N.Z. Moll. 144; Reeve, Conch. Icon. sp. 304.

**disculus**, Deshayes. Man. N.Z. Moll. 143; Reeve, Conch. Icon. sp. 306.

**strangei**, Deshayes. Man. N.Z. Moll. 144; *T. subovata*, Sowerby; *T. linnea*, *T. retiaria*, Hutton.

**glabrella**, Deshayes. Man. N.Z. Moll. 144; Ereb. and Terr. pl. ii. fig. 7.

**charlottæ**, E. A. Smith. Challenger Reports, xiii. 100; pl. iv. fig. 1.

**huttoni**, E. A. Smith. Challenger Reports, xiii. 101; pl. iv. fig. 2.

**Macoma**, Leach, 1819.

**suteri**, E. A. Smith. P.Mal.S. iii. 23.

## Sub-order INTEGRIPALLIATA.

## Family SPHÆRIIDÆ.

**Pisidium**, C. Pfeiffer, 1821.

**novæ-zealandiæ**, Prime. P.L.S.N.S.W. 2, vii. 664; *P. lentigulata*, Dunker.

**Sphærium**, Scopoli, 1777.

**novæ-zelandiæ**, Deshayes. P.L.S.N.S.W. 2, vii. 664.

## Family UNIONIDÆ.

**Diplodon**, Spix, 1827.

**menziesi**, Gray. P.L.S.N.S.W. 2, vii. 662; Simpson, Pro. U.S. Nat. Mus. xxii. 889; *D. aucklandicus*, Gray.

*var. waikarensis*, Colenso. P.L.S.N.S.W. 2, vii. 663.

*var. hochstetteri*, Dunker. P.L.S.N.S.W. 2, vii. 663.

*var. rugata*, Hutton. P.L.S.N.S.W. 2, vii. 663.

*var. depauperata*, Hutton, P.L.S.N.S.W. 2, vii. 663.

**lutulentus**, Gould. P.L.S.N.S.W. 2, vii. 663.

**zelebori**, Dunker, P.L.S.N.S.W. 2, vii. 662.

## Family LEPTONIDÆ.

**Kellya**, Turton, 1822.

**cycladiformis**, Deshayes. Man. N.Z. Moll. 157.

**citrina**, Hutton. T.N.Z.I. xvi. 215.

**Neolepton**, Monterosato, 1875.

*antipodum*, Filhol. Mission Ile Campbell, 543.

*sanguineum*, Hutton. T.N.Z.I. xvi. 215.

**Lasea**, Leach, 1827.

*miliaris*, Philippi. Wiegman's Archiv. f. Naturgeschichte, 1845, 51.

**Mylitta**, d'Orbigny and Récluz, 1850.

*stowei*, Hutton. Man. N.Z. Moll. 157; A.M.N.H. 6, viii. pl. xiii.

**Pachykellya**, Bernard, 1898.

*edwardsi*, Bernard. Bull. Mus. Paris, iii. 310.

#### Family KELLYELLIDÆ.

**Cyamium**, Philippi, 1845.

*oblongum*, E. A. Smith. P.Mal.S. iii. 24.

#### Family DIPLODONTIDÆ.

**Diplodonta**, Bronn, 1831.

*zelandica*, Gray. Man. N.Z. Moll. 156; Ereb. and Terr. pl. iii. fig. 8.

*globularis*, Lamarck. Man. N.Z. Moll. 156.

*striata*, Hutton. Man. N.Z. Moll. 156.

#### Family LUCINIDÆ.

**Divaricella**, v. Martens, 1880.

*cumingi*, Adams and Angas. P.Z.S. 1863, 426; pl. xxxvii. fig. 20.

*var. huttoni*, Vanatta. Proc. Acad. Nat. Sci. Philadelphia, 1901, 184; pl. v. figs. 14, 15.

#### Family CRASSATELLITIDÆ.

**Crassatellites**, Krueger, 1823.

*obesa*, Adams. P.Z.S. 1852, 90; pl. xvi. fig. 2.

*bellula*, Adams. P.Z.S., 1852, 95; *Gouldia isabella*, Hutton.

#### Family CONDYLOCARDIDÆ.

**Condylocardia**, Bernard, 1897.

*classicosta*, Bernard. Jour. de Conch. xliv. 175; pl. vi. fig. 1.

*concentrica*, Bernard. Journ. de Conch. xliv. 176; pl. vi. fig. 2.

#### Family CARDITIDÆ.

**Cardita**, Lamarck, 1799.

*aviculina*, Lamarck. *C. excavata*, Deshayes; *C. tasmanica*, J. Woods: Man. N.Z. Moll. 160.

**Venericardia**, Lamarck, 1801.

**australis**, Lamarck. Man. N.Z. Moll. 158; Voy. Astrol. pl. lxxviii. figs. 11-14.

**difficilis**, Deshayes. Man. N.Z. Moll. 159; P.Z.S. 1852, pl. xvii. figs. 16-17.

**compressa**, Reeve. P.L.S.N.S.W. 1, ix. 257.

Order PSEUDO-LAMELLIBRANCHIA.

Family SPONDYLIDÆ.

**Spondylus**, Linnaeus, 1758.

**ostreoides**, E. A. Smith, Challenger Reports, xiii. 326.

Family LIMIDÆ.

**Lima** (Bruguière), Cuvier, 1798.

**lima**, Linnaeus = *zealandica*, Sowerby. P.L.S.N.S.W. 1, ix. 531.

**angulata**, Sowerby. Man. N.Z. Moll. 172.

**bullata**, Born. P.L.S.N.S.W. 1, ix. 531.

Family PECTINIDÆ.

**Pecten**, Mueller, 1776.

**medius**, Lamarck = *laticostatus*, Gray. Man. N.Z. Moll. 171.

**asperrimus**, Lamarck. P.L.S.N.S.W. 1, ix. 531.

**zelandiæ**, Gray. P.L.S.N.S.W. 1, ix. 531.

*var. gemmulata*, Reeve. Conch. Icon. sp. 111.

**radiatus**, Hutton. Man. N.Z. Moll. 171.

**convexus**, Quoy and Gaimard. P.L.S.N.S.W. 1, ix. 532.

**kermadecensis**, E. A. Smith. Challenger Reports, xiii. 302; pl. xxi. fig. 7.

Family OSTREIDÆ.

**Ostrea**, Linnaeus, 1758.

**angasi**, Sowerby. Reeve, Conch. Icon. sp. 28; P.L.S.N.S.W. 1, ix. 533; *O. edulis*, auct., non Linnaeus.

**purpurea**, Hanley. P.Z.S. 1867, 934.

**glomerata**, Gould. P.L.S.N.S.W. 1, ix. 533; *O. cucullata*, Angas; *O. mordax*, T.-Woods.

**reniformis**, Sowerby. Reeve, Conch. Icon. sp. 57.

Family PTERIIDÆ.

**Philobrya**, P. Carpenter, 1872.

**meleagrina**, Bernard. Journ. de Conch. xlv. 12; pl. i. fig. 3.

**costata**, Bernard. Journ. de Conch. xlv. 15; pl. i. fig. 5.

**filholi**, Bernard. Journ. de Conch. xlv. 16; pl. i. fig. 6.

**Hochstetteria**, M. Chalmas and Vélain, 1876.

**trapezina**, Bernard. Journ. de Conch. xlv. 18; pl. 1, fig. 7.

## Family PINNIDÆ.

**Pinna** (Linnæus), Lamarck, 1799.

*zelandica*, Gray. Man. N.Z. Moll. 169; Ereb. and Terr. pl. iii. fig. 7.

## Order FILIBRANCHIA.

## Family MYTILIDÆ.

**Mytilus** (Linnaeus, 1758), Bolten, 1798.

*edulis*, Linnaeus. Man. N.Z. Moll. 167; *M. latus*, Lamarck, non Chemnitz; *M. chorus*, Hutton, non Molina.

*latus*, Chemnitz. P.L.S.N.S.W. I, 529.

*magellanicus*, Chemnitz. P.L.S.N.S.W. ix. 529.

**Volsella**, Scopoli, 1777. *Modiolus*, Risso, 1799.

*australis*, Gray. P.L.S.N.S.W. I, ix. 530.

*ater*, Frauenfeld. P.L.S.N.S.W. I, ix. 530.

*fluviaialis*, Hutton. Man. N.Z. Moll. 168.

**Modiolaria**, Beck, 1840.

*barbata*, Reeve. Conch. Icon. *Lithodomus*, sp. 27; P.Z.S. 1867, 911; *Lith. lanigerus*, Reeve.

*impacta*, Herrmannsen. Man. N.Z. Moll. 168.

**Adula**, H. and A. Adams, 1857. *Myrina*, H. and A. Adams, 1857.

*minuta*, E. A. Smith. P.Mal.S. iii. 24.

**Lithophago**, Bolten, 1798. *Lithodomus*, Cuvier, 1817.

*truncata*, Gray. Man. N.Z. Moll. 168; Ereb. and Terr. pl. ii. fig. 12.

## Family MODIOLARCIDÆ.

**Modiolarca**, Gray, 1847.

*pusilla*, Gould. U.S. Expl. Exp. xii. 455.

*trapezina*, Lamarck. Anim. s. Vert. 2nd ed. vii. 24.

*bicolor*, E. A. Smith; P. Mal. S. iii. 25.

## Family ARCIDÆ.

**Barbatia**, Gray, 1840.

*decussata*, Sowerby. Man. N.Z. Moll. 162.

*reticulata*, Chemnitz. Lamarck, Anim. s. Vert. 2nd ed. vi. 475; *A. domingensis*, Lamarck, etc.

**Glycymeris**, Da Costa, 1778. *Pectunculus*, Lamarck, 1799.

*laticostata*, Quoy and Gaimard. Man. N.Z. Moll. 163.

*striatularis*, Lamarck. Man. N.Z. Moll. 163.

## Family LIMOPSIDÆ.

**Limopsis**, Sassi, 1827.

*lata*, E. A. Smith. Challenger Report, xiii. 257.

## Family ANOMIIDÆ.

**Anomia**, (Linnaeus, 1758) O. F. Mueller, 1775.

*cytæum*, Gray Man. N.Z. Moll. 174.

*alectus*, Gray. Man. N.Z. Moll. 173.

*stowei*, Hutton. Man. N.Z. Moll. 173.

*walteri*, Hector. T.N.Z.I. xxvii. 292.

**Placunonomia**, Broderip, 1832.

*zelandica*, Gray. Man. N.Z. Moll. 174; Ereb. and Terr.

pl. iii. fig. 10.

*ione*, Gray. Man. N.Z. Moll. 174.

## Order PROTOBRANCHIATA.

## Family NUCULIDÆ.

**Nucula**, Lamarck, 1799.

*nitidula*, A. Adams. Man. N.Z. Moll. 164.

*strangei*, A. Adams. Man. N.Z. Moll. 164; Ereb. and Terr.

pl. ii. fig. 14.

*lacunosa*, Hutton. P.L.S.N.S.W. 1, ix. 528.

*castanea*, A. Adams. Man. N.Z. Moll. 164.

## Family LEDIDÆ.

**Leda**, Schumacher, 1817.

*concinna*, A. Adams. Man. N.Z. Moll. 165.

**Malletia**, C. des Moulins, 1832. *Solenella*, Sowerby, 1832.

*australis*, Quoy and Gaimard. Man. N.Z. Moll. 166.

## Family SOLENOMYACIDÆ.

**Solenomya**, Lamarck, 1818.

*parkinsoni*, E. A. Smith. Man. N.Z. Moll. 157; Ereb. and

Terr. pl. iii. fig. 1.

## PHYLUM, ARTHROPODA.

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### CLASS, INSECTA.

Order HYMENOPTERA.

Sub-order PETIOLATA.

Series TUBULIFERA.

Family ANTHOPHILA.

**Leioproctus**, Smith, 1853.

imitatus, Smith. Cat. Hymen. B.M. i. 9.

**Lamprocolletes**, Smith, 1853.

fulvescens, Smith. T.E.S. 1876, 486.

obscurus, Smith. Cat. Hymen. B.M. 11.

**Dasycolletes**, Smith, 1853.

hirticeps, Smith. T.E.S. 1878, 7.

vestitus, Smith. T.E.S. 1876, 485.

purpureus, Smith. Cat. Hymen. B.M. 15.

metallicus, Smith. Cat. Hymen. 15; *A. trichopus*, White,  
Voy. Ereb. and Terr. Ins. pl. vii. fig. 12.

**Halictus**, Latreille, 1804.

sordidus, Smith. Cat. Hymen. B.M. 56.

familiaris, Smith. T.E.S. 1876, 486.

buttoni, Cameron. T.N.Z.I. xxxii. 17.

**Prosopis**, Fabricius, 1804.

agilis, Smith. T.E.S. 1876, 484.

regelatus, Smith. T.E.S. 1876, 485.

capitosus, Smith. T.E.S. 1876, 485.

lævigatus, Smith. Cat. Hymen. B.M. ii. 420.

sulcifrons, Cameron. Man. Mem. 1895, 51.

innocens, Cameron. Man. Mem. 1895, 52.

Series ACULEATA.

Family FORMICIDÆ.

Sub-family CAMPONOSTINÆ.

**Lasius**, Fabricius, 1804.

advena, Smith. T.E.S. 1862, 53; W. W. Smith, T.N.Z.I.  
xxviii. 477.

zealandica, Smith. T.E.S. 1878, 6.

## Sub-family PONERINÆ.

**Ponera**, Latreille, 1804.*castanea*, Mayr. Reise Novara, Formicidæ, 69.**Ectatomma**, Smith, 1858.*brounii*, Forel. Mitt. Schw. Ent. Ges. 1892, 330.**Discothyrea**, Rogers, 1863.*antarctica*, Emery. T.N.Z.I. xxvii. 635.**Amblypone**, Erichson, 1842.*cephalotes*, Smith. T.E.S. 1876, 490.*saunderii*, Forel. Mitt. Sch. Ent. Ges. 1892, 336.

## Sub-family MYRMICINÆ.

**Orectognathus**, Smith, 1854.*antennatus*, Smith. T.E.S. 2, ii. 228.*perplexus*, Smith. T.E.S. 1876, 491.**Strumigenys**, Smith, 1861.*antarctica*, Forel. Mitt. Schw. Ent. Ges. 1892, 338.**Huberia**, Forel, 1890.*striata*, Smith. T.E.S. 1876, 481; T.N.Z.I. xxiv. 304; W. W. Smith, T.N.Z.I. xxviii. 470.**Monomorium**, Mayr, 1855.*fulvum*, Mayr. Reise Novara, Formicidæ, 93; W. W. Smith, T.N.Z.I. xxviii. 473.*nitidum*, Smith. T.E.S. 1876, 480; W. W. Smith, T.N.Z.I. xxviii. 473.*suteri*, Forel. Mitt. Schw. Ent. Ges. 1892, 340; W. W. Smith, T.N.Z.I. xxviii. 475.*smithii*, Forel. Mitt. Schw. Ent. Ges. 1892, 342.**Aphaenogaster**, Mayr, 1852.*antarcticus*, Smith. Cat. Hymen. B.M. vi. 167.

## Family POMPILIDÆ.

**Pseudagenia**, Kohl, 1884.*huttoni*, Cameron. Man. Mem. 1898, 49.**Salius**, Fabricius, 1804.*monachus*, Smith. Cat. Hymen. B.M. iii. 164.*carbonarius*, Smith. Cat. Hymen. B.M. iii. 162.*nitidiventris*, Smith. T.E.S. 1878, 6.*marginatus*, Smith. T.E.S. 1876, 483.*conformis*, Smith. T.E.S. 1876, 482.*triangularis*, Cameron. Man. Mem. 1898, 45.*diligens*, Smith. T.E.S. 1876, 483.*wakefieldi*, Kirby. T.E.S. 1881, 39.

**Salius fugax**, Fabricius. Syst. Ent. 350; *P. maculipennis*, Smith, T.E.S. 1876, 482.  
**huttoni**, Kirby. T.E.S. 1883, 199.  
**xenos**, Kirby. T.E.S. 1883, 200.  
**brouni**, Gribodo. Bull. Ent. Ital. xvi. 280.

Family SPHEGIDÆ.

**Rhopalum**, Stephens, 1829.  
**carbonarium**, Smith. Cat. Hymen. B.M. iv. 424.  
**perforator**, Smith. T.E.S. 1876, 483.  
**albipes**, Smith. T.E.S. 1878, 7.  
**cora**, Cameron. Man. Mem. 1888, 181.

**Gorytes**, Latreille, 1804.  
**carbonarius**, Smith. Cat. Hymen. B.M. iv. 366.  
**trichiosoma**, Cameron. Man. Mem. 1888, 180.

**Tachytes**, Panzer, 1806.

**nigerrimus**, Smith. Cat. Hymen. B.M. iv. 302; White, Voy. Ereb. and Terr. Insects, pl. xii. fig. 14.  
**sericops**, Smith. Cat. Hymen. B.M. iv. 302.  
**depressus**, Saussure. Reise Novara, Hym. 69.  
**helmsi**, Cameron. Man. Mem. 1888, 182.

**Pison**, Spinola, 1808.

**pruinosus**, Cameron. Man. Mem. 1898, 44.  
**morosus**, Smith. Cat. Hymen. B.M. iv. 315.  
**tuberculatus**, Smith. T.E.S. 1869, 296.  
**dubius**, Kirby. T.E.S. 1883, 201 (*Taranga*).

Sub-order PARASITICA.

Family PROCTOTRUPIDÆ.

Sub-family PROCTOTRUPINÆ.

**Proctotrupes**, Latreille, 1796.

**maculipennis**, Cameron. Man. Mem. 1888, 175.  
**intrudens**, Smith. T.E.S. 1878, 5.

Sub-family BETYLINÆ.

**Betyla**, Cameron, 1889.

**fulva**, Cameron. Man. Mem. 1889, 13; Hudson, T.N.Z.I. xxv. 169; *Tanyzonus bolitophilæ*, Marshall, Ent. Mon. Mag. 1892.

Sub-family DIAPRINÆ.

**Diapria**, Latreille, 1804.

**coccophaga**, Maskell. T.N.Z.I. xi. 228.

**Spilomicrus**, Westwood, 1832.

**quadriceps**, Smith. T.E.S. 1878, 6.

## Sub-family MYMARINÆ.

**Prosacantha**, Nees, 1834.  
**crimitaeri**, Quail. T.N.Z.I. xxxiii. 153 (*Mymar*).

## Sub-family BETHYLINÆ.

**Sierola**, Cameron, 1881.  
**antipoda**, Asmead. P.L.S.N.S.W. 1900, 326; Fauna Hawaiensis, Hymen. 286.

## Family CHALCIDIDÆ.

## Sub-family TORYMINÆ.

**Torymus**, Dalman, 1820.  
**antipoda**, Kirby. T.E.S. 1883, 202.

## Sub-family EURYTOMINÆ.

**Eurytoma**, Rossi, 1807.  
**oleariæ**, Maskell. T.N.Z.I. xxi. 255.

**Aphobetus**, Howard, 1896.  
**maskelli**, Howard. Canadian Ent. xxviii. 166.

## Sub-family APHELININÆ.

**Pteroptrix**, Westwood, 1833.  
**maskelli**, Ashmead. P.L.S.N.S.W. 1900, 346.

## Sub-family EUPELMINÆ.

**Eupelmus**, Dalman, 1820.  
**messene**, Walker. Mon. Chal. ii. 95; Kirby, T.E.S. 1881, 48.

**Pteromalus**, Swederus, 1795.  
**lelex**, Walker. Mon. Chal. ii. 95; Kirby, T.E.S. 1881, 48.  
**iambe**, Walker. Mon. Chal. ii. 95; Kirby, T.E.S. 1881, 49.

## Family EVANIDÆ.

**Gasteruption**, Latreille, 1796.  
**pedunculatum**, Schletterer. Ann. K.K. Nat. Wien, 1890, 467; *F. unguiculatus*, Smith. T.E.S. 1869, 480.

## Family BRACONIDÆ.

Sub-family RHOGADINÆ.  
**Doryctomorpha**, Ashmead, 1900.  
**antipoda**, Ashmead. Ent. News, 1900, 630.

**Rhogas**, Nees, 1818.  
**penetrator**, Smith. T.E.S. 1878, 5.

## Sub-family METEORINÆ.

**Meteorus**, Haliday, 1835.  
**nova-zealandicus**, Cameron. Man. Mem. 1898, 38.

**Fhogra**, Cameron, 1891.

*rubromaculata*, Cameron. T.N.Z.I. xxxiii. 105.

Sub-family CHELONINÆ.

**Ascogaster**, Wesmael, 1835.

*crenulatus*, Cameron. Man. Mem. 1898, 37.

Sub-family HELICONINÆ.

**Schauinslandica**, Ashmead, 1900.

*femorata*, Ashmead, Ent. News, 1900, 627.

*alfkenii*, Ashmead. Ent. News, 1900, 628.

*pallidipes*, Ashmead. Ent. News, 1900, 628.

Family OPIINÆ.

**Diachasma**, Forster, 1862.

*carpocapsæ*, Ashmead. P.L.S.N.S.W. 1900, 357.

Sub-family ALYSIINÆ.

**Alysia**, Latreille, 1804.

*stramineipes*, Cameron. Man. Mem. 1898, 37.

**Asobara**, Forster, 1862.

*antipoda*, Ashmead. Ent. News, 1900, 625.

Family ICHNEUMONIDÆ.

Sub-family ICHNEUMONINÆ.

**Ichneumon**, Linnæus, 1735.

*pyrastis*, Cameron. T.N.Z.I. xxxiii. 115.

*frederici*, Cameron. T.N.Z.I. xxxiii. 116.

*richardi*, Cameron. T.N.Z.I. xxxiii. 117.

*wellingtoni*, Cameron. T.N.Z.I. xxxiii. 117.

*actista*, Cameron. Man. Mem. 1898, 8.

*helmsi*, Cameron. Man. Mem. 1898, 9.

*atarxia*, Cameron. Man. Mem. 1898, 13.

*ixia*, Cameron. Man. Mem. 1898, 13.

*colensi*, Cameron. Man. Mem. 1898, 15.

*ursula*, Cameron. Man. Mem. 1898, 16.

*brounii*, Cameron. Man. Mem. 1898, 17.

*leodacus*, Cameron. Man. Mem. 1898, 19.

*falsus*, Cameron. Man. Mem. 1898, 18.

*machimia*, Cameron. Man. Mem. 1898, 20.

*utetes*, Cameron. Man. Mem. 1898, 21.

*thyelma*, Cameron. Man. Mem. 1898, 22.

*nova zealandicus*, Cameron. Man. Mem. 23.

*The following species require generic revision:*

*decoratorius*, Fabricius. Syst. Ent. 333.

*insidiator*, Smith. T.E.S. 1876, 476.

*deceptor*, Smith. T.E.S. 1876, 477.

**Ichneumon exhilaratus**, Smith. T.E.S. 477.  
**consanguineus**, Smith. T.E.S. 476.  
**placidus**, Smith. T.E.S. 476.  
**conspiratus**, Smith. T.E.S. 476.  
**perfidiosus**, Smith. T.E.S. 475.  
**huttoni**, Kirby. T.E.S. 1881, 44.  
**hersilia**, Cameron. Man. Mem. 1898, 7.

**Probolus**, Wesmael, 1844.  
**lotatorius**, Fabricius. Syst. Ent. 330; *Priocnemis pascæi*, Kirby; T.E.S. 1883, 200; *Eristicus cinctus*, Ashmead; Pro. U.S. Nat. Mus. xii. 389.  
**invictus**, Smith. T.E.S. 1876, 475; *Eristicus basilaris*, Ashmead, Pro. U.S. Nat. Mus. xii. 389.  
**sollicitorius**, Fabricius. Syst. Ent. 332; *E. apicalis*, Ashmead, Pro. U.S. Nat. Mus. xii. 388.

**Amblytetes**, Wesmael, 1844.  
**zealandicus**, Cameron. T.N.Z.I. xxxiii. 108.  
**hudsoni**, Cameron, T.N.Z.I. xxxiii. 109.

**Colobacis**, Cameron, 1900.  
**forticornis**, Cameron. T.N.Z.I. xxxiii. 110.

**Degithina**, Cameron, 1900.  
**buchanani**, Cameron. T.N.Z.I. xxxiii. 112.  
**caroli**, Cameron. T.N.Z.I. xxxiii. 113.  
**davidi**, Cameron. T.N.Z.I. xxxiii. 114.  
**hectori**, Cameron. T.N.Z.I. xxxiii. 114.

**Zestocormus**, Cameron, 1900.  
**melanoplus**, Cameron. T.N.Z.I. xxxiii. 119.

**Dicœlotus**, Westmael, 1844.  
**striatifrons**, Cameron. Man. Mem. 1898, 24.

Sub-family CRYPTINÆ.

**Cryptus**, Fabricius, 1804.  
**penetrator**, Smith. T.E.S. 1878, 2.

**Mesostenus**, Gravenhorst, 1829.  
**albopictus**, Smith. T.E.S. 1876, 477.

**Hemiteles**, Gravenhorst, 1829.  
**destructivorus**, Cameron. Man. Mem. 1898, 26

**Bathymetis**, Forster, 1862.  
**antipoda**, Ashmead. Ent. News, 1900, 624.

Sub-family OPHIONINÆ.

**Ophion**, Gravenhorst, 1829.  
**inutilis**, Smith. T.E.S. 1876, 478.  
**punctatus**, Cameron. Man. Mem. 1898, 39.

**Ophion ferrugineus**, Smith. T.E.S. 1878, 2.  
*peregrinus*, Smith. T.E.S. 1876, 478.  
*skelloni*, Kirby. T.E.S. 1881, 46.  
*insularis*, Kirby. T.E.S. 1881, 46.

**Paniscus**, Gravenhorst, 1829.  
*productus*, Brullé. Hist. Nat. des. Hym. iv.; *P. ephippia us*,  
 Smith, T.E.S. 1876, 478.  
*foveatus*, Cameron. Man. Mem. 1898, 36.

**Limnerium**, Holmgren, 1860.  
*zealandicum*, Cameron. Man. Mem. 1898, 36.  
*hudsoni*, Cameron. T.N.Z.I. xxxiii. 105.

#### Sub-family PIMPLIDINÆ.

**Rhyssus**, Gravenhorst, 1829.  
*fractinervis*, Vollenhoven. Tijd Ent. 2, viii. 67; *R. antipodum*, Smith, T.E.S. 1876, 479.  
*clavula*, Colenso. T.N.Z.I. xvii. 158.

**Allotheronia**, Ashmead, 1900.  
*12-guttata*, Ashmead. P.L.S.N.S.W. 1900, 351.

**Lissonota**, Gravenhorst, 1829.  
*flavopicta*, Smith. T.E.S. 1878, 4.  
*albopicta*, Smith. T.E.S. 1878, 4.  
*multicolor*, Colenso. T.N.Z.I. xvii. 159.  
*tinctipennis*, Cameron. Man. Mem. 1898, 28.  
*rubriplagiata*, Cameron. T.N.Z.I. xxxiii. 106.

**Euctenopus**, Ashmead, 1900.  
*nova-zealandica*, Ashmead. P.L.S.N.S.W. 1900, 351.

#### Sub-family TRYPHONINÆ.

**Tryphon**, Fallen, 1813.  
*obstructor*, Smith. T.E.S. 1878, 4.

**Mesoleptus**, Gravenhorst, 1829.  
*mulleri*, Butler. Voy. Erebus and Terror, Insects, 27.  
*sybarita*, Cameron. Man. Mem. 1898, 32.  
*comparatus*, Cameron. Man. Mem. 1898, 33.

**Chorinæus**, Holmgren, 1855.  
*forticeps*, Cameron. Man. Mem. 1898, 29.  
*nigripes*, Cameron. Man. Mem. 1898, 33.

**Scolobates**, Gravenhorst, 1829.  
*intrudens*, Smith. T.E.S. 1878, 3; genus doubtful.

#### Family CYNIPIDÆ.

**Anacharis**, Dalman, 1823.  
*zealandica*, Ashmead. P.L.S.N.S.W. 1900, 329.

## Sub-order SESSILIVENTRES.

## Family SIRICIDÆ.

**Xiphydria**, Latreille, 1802.

**decepta**, Smith. T.E.S. 1876, 474; *X. flavopicta*, Smith, T.E.S. 1878, 1; *Brachyxiphus deceptor*, Kirby, T.E.S. 1881, 49.

## Order LEPIDOPTERA.

## Section PAPILIONINA.

## Family NYMPHALIDÆ.

## Sub-family DANAINÆ.

**Anosia**, Hübner, 1816.

**eriphus**, Cramer. Hudson, N.Z. Lep. 102; Fereday, T.N.Z.I. xxx. 327 (*Danais archippus*).

## Sub-family SATYRINÆ.

**Percnodaimon**, Butler, 1876.

**pluto**, Fereday. T.N.Z.I. xxx. 327; Hudson, 114 (*Erebia*).

**Erebiola**, Fereday, 1879.

**butleri**, Fereday. L.c. 327; Hudson, 115.

**Argyrophenga**, Doubleday, 1845.

**antipodum**, Doubleday. Fereday, l.c. 327; Hudson, 110.

**Dodonidia**, Butler, 1884.

**helmsi**, Fereday. L.c. 327; Hudson, 112.

## Sub-family NYMPHALINÆ.

**Vanessa**, Fabricius, 1805.

**gonerilla**, Fab. Hudson, 105; Fereday, l.c. 327 (*Pyrameis*); T.N.Z.I. ix. 355.

**ida**, Alfken. Zool. Anz. xxii. 5 (1899).

**itea**, Fab. Hudson, 107; Fereday, l.c. 328.

**cardui**, Linnaeus. Hudson, 108; *P. kershawi*, Fereday.

**Junonia**, Hübner, 1816.

**vellida**, Fabricius. Hudson, 109; T.E.S. 1888, 146, pl. 6, fig. II.

## Family LYCÆNIDÆ.

**Chrysophanus**, Hübner, 1816.

**salustius**, Fab. Hudson, 116; Fereday, l.c. 328; *C. maui*, Fereday.

**feredayi**, Bates. Fereday, l.c. 329; Hutton, T.N.Z.I. xxxiii. 97; *C. enysi*, Hudson, l.c. 117.

**rauparaha**, Fereday. L.c. 328; Hutton, T.N.Z.I. xxxiii. 97.

**boldenarum**, White. Fereday, l.c. 329; Hudson, 118.

**Lycæna**, Fabricius, 1808.

**oxleyi**, Felder. Fereday, l.c. 329; Hudson, 119.

**phœbe**, Murray. Fereday, l.c. 329; Hudson, 119.

## Section CARADRININA.

## Family ARCTIADÆ.

**Metacrias**, Meyrick, 1886.*strategica*, Hudson, 4. Fereday, T.N.Z.I. xxx. 331; Howes, T.N.Z.I. xxxiii. 188; Quail, T.N.Z.I. xxxiv. 227.*erichrysa*, Meyrick. Hudson, 4; Fereday, l.c. 331.*huttoni*, Butler. Hudson, 5; Fereday, l.c. 331; Hampton, Cat. Lep. Phal. in Brit. Mus. iii. 468.

## Family HYPSIDÆ.

**Nyctemera**, Hübner, 1816.*annulata*, Boisduval. Hudson, 2; Fereday, l.c. 331; T.N.Z.I. ix. 355.

## Family CARADRINIDÆ.

## Sub-family POLIANÆ.

**Miselia**, Ochsenheimer, 1816.*pessota*, Meyrick. Hudson, 6; Fereday, l.c. 335.**Orthosia**, Ochsenheimer, 1816.*margarita*, Hawthorne. T.N.Z.I. xxix. 283; Hudson, 6.*comma*, Walker. Hudson, 7; Fereday, l.c. 335; T.N.Z.I. ix. 356.*immunis*, Walker. Hudson, 7; Fereday, l.c. 335.*fortis*, Butler. (*Toxocampa*), Meyrick, T.E.S. 1901, 565.**Xanthia**, Ochsenheimer, 1816.*purpurea*, Butler. Hudson, 8; Fereday, l.c. 335.

## Sub-family MELANCHRINÆ.

**Physetica**, Meyrick, 1887.*cærulea*, Guenée. Hudson, 8; Fereday, l.c. 332.**Leucania**, Hübner, 1816.*griseipennis*, Felder. Hudson, 9; Fereday, l.c. 332.*moderata*, Walker. Hudson, 9; Fereday, l.c. 332.*temperata*, Walker. Hudson, 9; Fereday, l.c. 332.*nullifera*, Walker. Hudson, 9; Fereday, l.c. 332.*purdii*, Fereday. Hudson, 10; Fereday, l.c. 332.*atristriga*, Walker. Hudson, 10; Fereday, l.c. 332.*propria*, Walker. Hudson, 11; Fereday, l.c. 332.*acontistis*, Meyrick. Hudson, 11; Fereday, l.c. 332.*phaula*, Meyrick. Hudson, 11; Fereday, l.c. 332.*alopa*, Meyrick. Hudson, 12; Fereday, l.c. 332.*micrastra*, Meyrick. Hudson, 12.*unica*, Walker. Hudson, 12; Fereday, l.c. 332.*arotis*, Meyrick. Hudson, 12; Fereday, l.c. 333.*aulacias*, Meyrick. Hudson, 12, note; Fereday, l.c. 333.*sulcana*, Fereday. Hudson, 13; Fereday, l.c. 333.*semivittata*, Walker. Hudson, 13; Fereday, l.c. 333.

**Leucania blenheimensis**, Fereday. Hudson, 13; Fereday, T.N.Z.I. xxx. 333.  
**unipuncta**, Hawthorne. Hudson, 13; Fereday, l.c. 333 (*extra*-  
*tranea*).  
**toroneura**, Meyrick. T.E.S. 1901, 565.

**Ichneutica**, Meyrick, 1887.  
**dione**, Hudson, 14.  
**ceraunias**, Meyrick. Hudson, 14; Fereday, l.c. 333.

**Melanchra**, Hübner, 1816.  
**disjungens**, Walker. Hudson, 15; Fereday, l.c. 333 (*Mamestra*).  
**paracausta**, Meyrick. Hudson, 15; Fereday, l.c. 333 (*Mamestra*).  
**insignis**, Walker. Hudson, 16; Fereday, l.c. 333 (*Mamestra*).  
**maya**, Hudson, 17.  
**plena**, Walker. Hudson, 17; Fereday, l.c. 333 (*Mamestra*).  
**lithias**, Meyrick. Hudson, 17; Fereday, l.c. 333 (*Mamestra*).  
**mutans**, Walker. Hudson, 18; Fereday, l.c. 333 (*Mamestra*); T.N.Z.I. xii. 273; Quail, T.N.Z.I. xxxiv. 232.  
**agorastis**, Meyrick. Hudson, 18; Fereday, l.c. 334 (*Mamestra*).  
**pictula**, White. Hudson, 19; Fereday, l.c. 334 (*Mamestra*).  
**rhodopleura**, Meyrick. Hudson, 19; Fereday, l.c. 334 (*Mamestra*).  
**merope**, Hudson, 19.  
**pelistis**, Meyrick. Hudson, 19; Fereday, l.c. 334 (*Mamestra*).  
**proteastis**, Meyrick. Hudson, 20; Fereday, l.c. 334 (*Mamestra*).  
**vitiosa**, Butler. Hudson, 20; Fereday, l.c. 334 (*Mamestra*).  
**diatmeta**, Meyrick. Hudson, 21.  
**tartarea**, Butler. Hudson, 21; Fereday, l.c. 334 (*Mamestra*).  
**homoscia**, Meyrick. Hudson, 21; Fereday, l.c. 334 (*Mamestra*).  
**omicron**, Hudson, 22.  
**composita**, Guenée. Hudson, 22; Fereday, l.c. 334 (*Mamestra*); T.N.Z.I. ix. 357.  
**steropastis**, Meyrick. Hudson, 23; Fereday, l.c. 334 (*Mamestra*).  
**infensa**, Walker. Hudson, 23; Fereday, l.c. 334 (*Mamestra*).  
**omoplaca**, Meyrick. Hudson, 23; Fereday, l.c. 334 (*Mamestra*).  
**alcyone**, Hudson, 24.  
**dotata**, Walker. Hudson, 24; Fereday, l.c. 334 (*Mamestra*).  
**asterope**, Hudson, 24.  
**stipata**, Walker. Hudson, 25; Fereday, l.c. 334 (*Mamestra*).  
**octans**, Hudson, 25.

**Melanchra rubescens**, Butler. <sup>¶</sup>Hudson, 25; Fereday, T.N.Z.I. xxx. 334 (*Mamestræ*).  
**lignana**, Walker. Hudson, 26; Fereday, l.c. 335 (*Mamestræ*); T.N.Z.I. ix. 357 (*H. lignifurea*).  
**cœleno**, Hudson, 26.  
**ustistriga**, Walker. Hudson, 26; Fereday, l.c. 335 (*Mamestræ*); *E. insignis*, T.N.Z.I. ix. 356.  
**prionistis**, Meyrick. Hudson, 27; Fereday, l.c. 335 (*Mamestræ*).  
**phricias**, Meyrick. Hudson, 27; Fereday, l.c. 335 (*Mamestræ*).  
**cucullina**, Guenée. Hudson, 27; Fereday, l.c. 335 (*Mamestræ*).  
**bromias**, Meyrick. T.E.S. 1900, 273.

**Erana**, Walker, 1857.

**graminosa**, Walker. Hudson, 28; Fereday, l.c. 335.

Sub-family CARADRININÆ.

**Bityla**, Walker, 1865.

**defigurata**, Walker. Hudson, 29; Fereday, l.c. 335.  
**sericea**, Butler. Hudson, 29; Fereday, l.c. 336.

**Agrotis**, Ochsenheimer, 1816.

**ypsilon**, Bott. Hudson, 30; Fereday, l.c. 336.  
**admirationis**, Guenée. Hudson, 31; Fereday, l.c. 336.  
**innominata**, Hudson, 31.  
**sericea**, Butler, 31; Fereday, l.c. 336.  
**ceropachoides**, Guenée. Hudson, 32; Fereday, l.c. 336.

**Heliothis**, Ochsenheimer, 1816.

**armigera**, Hübner. Hudson, 32; Fereday, l.c. 336.

**Cosmodes**, Guenée, 1852.

**elegans**, Donovan. Hudson, 33; Fereday, l.c. 336.

Family PLUSIADÆ.

Sub-family HYPNINÆ.

**Hypenodes**, Guenée, 1882.

**exsularis**, Meyrick. Hudson, 34; Fereday, l.c. 337.  
**anticlina**, Meyrick. T.E.S. 1901, 566; *R. octias*, Hudson, not of Meyrick.

Sub-family PLUSIANÆ.

**Plusia**, Ochsenheimer, 1816.

**chalcites**, Esper. Hudson, 35; Fereday, l.c. 336 (*eriosoma*).

**Dasypodia**, Guenée, 1852.

**selenophora**, Guenée. Hudson, 35; Fereday, l.c. 336; Colenso, T.N.Z.I. xi. 300.

**Rhapsa**, Walker, 1865.

**scotosialis**, Walker. Hudson, 36; Fereday, l.c. 337.

## Series NOTODONTINA.

## Family HYDRIOMENIDÆ.

**Tatosoma**, Butler, 1874.*lestevata*, Walker. Hudson, 39; Fereday, T.N.Z.I. xxx. 339.*agrionata*, Walker. Hudson, 40; Fereday, l.c. 340.*timora*, Meyrick. Hudson, 40; Fereday, l.c. 340.**Paradetis**, Meyrick, 1886.*porphyrias*, Meyrick. Hudson, 41; Fereday, l.c. 338.**Microdes**, Guenée, 1857.*epicryptis*, Meyrick. T.E.S. 1897, 384.**Chloroclystis**, Hübner, 1816.*plinthina*, Meyrick. Hudson, 41; Fereday, l.c. 339 (*Pasi-*  
*phila*).*bilineolata*, Walker. Hudson, 41; Fereday, l.c. 339 (*Pasi-*  
*phila*).*antarctica*, Hudson, 42.*aristias*, Meyrick. Hudson, 42.*nereis*, Meyrick. Hudson, 43; Fereday, l.c. 339 (*Pasiphila*).*dryas*, Meyrick. Hudson, 43; Fereday, l.c. 339 (*Pasiphila*).*sphragitis*, Meyrick. Hudson, 43; Fereday, l.c. 339 (*Pasi-*  
*phila*).*lichenodes*, Purdie. Hudson, 44; Fereday, l.c. 339 (*Pasi-*  
*phila*).*indictaria*, Walker. Hudson, 44; Fereday, l.c. 339 (*Pasi-*  
*phila*).*inductata*, Walker. Hudson, 44; Fereday, l.c. 339 (*Pasiphila*).*maculata*, Hudson, 44.*rectilineata*, Hudson, 45.**Phriissogonus**, Butler, 1882.*denotatus*, Walker. Hudson, 45; Fereday, l.c. 339.**Elvia**, Walker, 1862.*glaucata*, Walker. Hudson, 46; Fereday, l.c. 339.**Hydriomena**, Hübner, 1816.*globiata*, Felder. Hudson, 47; Fereday, l.c. 340 (*Scotosia*).*prionota*, Meyrick. Hudson, 47.*deltoidata*, Walker. Hudson, 47; Fereday, l.c. 340 (*Ce-*  
*phalissa*).*hemizona*, Meyrick. Hudson, 48.*subochraria*, Doubleday. Hudson, 48; Fereday, l.c. 341  
(*Anachloris*).*triphragma*, Meyrick. Hudson, 49; Fereday, l.c. 341  
(*Cidaria*).*rixata*, Felder. Hudson, 49; Fereday, l.c. 341 (*Cidaria*).*purpurifera*, Fereday. Hudson, 49; Fereday, l.c. 341  
(*Cidaria*).

**Hydriomena similata**, Walker. Hudson, 50; Fereday, T.N.Z.I. xxx. 341 (*Cidaria*).

**callichlora**, Butler. Hudson, 50; Fereday, l.c. 341 (*Cidaria*).

**arida**, Butler. Hudson, 50; Fereday, l.c. 341 (*Cidaria*).

**siria**, Meyrick. Hudson, 51; Fereday, l.c. 344 (*Cephalissa*).

**Euchœca**, Hübner, 1816.

**rubropunctaria**, Doubleday. Hudson, 51; Fereday, l.c. 338. (*Epicyme*).

**Asthenia**, Hübner, 1816.

**pulchraria**, Doubleday. Hudson, 52; Fereday, l.c. 340.

**schistaria**, Walker. Hudson, 52; Fereday, l.c. 34c.

**Venusia**, Curtis, 1839.

**verruculata**, Felder. Hudson, 53; Fereday, l.c. 338 (*Paneyma*).

**xanthaspis**, Meyrick. Hudson, 54; Fereday, l.c. 338 (*Aulopola*).

**undosata**, Felder. Hudson, 54; Fereday, l.c. 338 (*Epi-phryne*).†

**Asaphodes**, Meyrick, 1886.

**abrogata**, Walker. Hudson, 55; Fereday, l.c. 338.

**siris**, Hawthorn. Hudson, 55.

**megaspilata**, Walker. Hudson, 55; Fereday, l.c. 338 (*Probolæa*); Quail, T.N.Z.I. xxiv. 235.

**parora**, Meyrick. Hudson, 56; Fereday, l.c. 338 (*Probolæa*). **rufescens**, Butler. Hudson, 56; Fereday, l.c. 338 (*Homodotis*).

**Xanthorhoë**, Hübner, 1816.

**limonodes**, Meyrick. Hudson, 57; Fereday, l.c. 341 (*Epyaxa*).

**subductata**, Walker. Hudson, 57; Fereday, l.c. 341 (*Epyaxa*).

**rosearia**, Doubleday. Hudson, 57; Fereday, l.c. 340 (*Epyaxa*).

**orophyla**, Meyrick. Hudson, 58; Fereday, l.c. 341 (*Epyaxa*).

**semifissata**, Walker. Hudson, 59; Fereday, l.c. 341 (*Epyaxa*).

**lophogramma**, Meyrick. Hudson, 59.

**chlamydota**, Meyrick. Hudson, 59; Fereday, l.c. 341 (*Epyaxa*).

**stinaria**, Guenée. Hudson, 60; Fereday, l.c. 342 (*Larentia*).

**mnesichola**, Meyrick. Hudson, 60; Fereday, l.c. 343 (*Larentia*).

**præfectata**, Walker. Hudson, 60; Fereday, l.c. 342 (*Larentia*).

**nephelias**, Meyrick. Hudson, 61; Fereday, l.c. 342 (*Larentia*).

**Xanthorhoë cataphracta**, Meyrick. Hudson, 61; Fereday, T.N.Z.I. xxx. 342 (*Larentia*).  
**clarata**, Walker. Hudson, 61; Fereday, l.c. 342 (*Larentia*).  
**cosmodosa**, Meyrick. Hudson, 62; Fereday, l.c. 343 (*Larentia*).  
**bryopis**, Meyrick. Hudson, 62; Fereday, l.c. 343 (*Larentia*).  
**beata**, Butler. Hudson, 63; Fereday, l.c. 342 (*Larentia*).  
**adonis**, Hudson, 63.  
**chlorias**, Meyrick. Hudson, 63; Fereday, l.c. 342 (*Larentia*).  
**ægrota**, Butler. Hudson, 64; Fereday, l.c. 342 (*Larentia*).  
**lucidata**, Walker. Hudson, 64; Fereday, l.c. 342 (*Larentia*).  
**helias**, Meyrick. Hudson, 64; Fereday, l.c. 342 (*Larentia*).  
**prasiniæ**, Meyrick. Hudson, 65; Fereday, l.c. 342 (*Larentia*).  
**chionogramma**, Meyrick. Hudson, 65; Fereday, l.c. 342 (*Larentia*).  
**camelias**, Meyrick. Hudson, 65; Fereday, l.c. 343 (*Larentia*).  
**falcata**, Butler. Hudson, 66; Fereday, l.c. 343 (*Larentia*).  
**obarata**, Felder. Hudson, 66; Fereday, l.c. 342 (*Larentia*).  
**chorica**, Meyrick. Hudson, 66; Fereday, l.c. 343 (*Larentia*).  
**subobscurata**, Walker. Hudson, 66; Fereday, l.c. 342 (*Larentia*).  
**cinerearia**, Doubleday. Hudson, 67; Fereday, l.c. 343 (*Larentia*).  
**anthracias**, Meyrick. Hudson, 67; Fereday, l.c. 343 (*Larentia*).  
**bulbulata**, Guenée. Hudson, 68; Fereday, l.c. 343 (*Larentia*).  
**homalocyma**, Meyrick. T.E.S. 1902, 274.  
**Lythria**, Hübner, 1816.  
**chrysopeda**, Meyrick. Hudson, 68; Fereday, l.c. 339 (*Arcteuthes*).  
**eucliadiata**, Guenée. Hudson, 58; Fereday, l.c. 338 (*Arcteuthes*).  
**Dasyuris**, Guenée, 1868.  
**enysii**, Butler. Hudson, 69; Fereday, l.c. 344 (*Strathmonyma*).  
**anceps**, Butler. Hudson, 69; Fereday, l.c. 344 (*Strathmonyma*).  
**partheniata**, Guenée. Hudson, 70; Fereday, l.c. 344.  
**hectori**, Butler. Hudson, 70; Fereday, l.c. 344 (*Strathmonyma*).  
**Notoreas**, Meyrick, 1886.  
**insignis**, Butler. Hudson, 71; Fereday, l.c. 343.  
**orphnæa**, Meyrick. Hudson, 71; Fereday, l.c. 343.  
**isoleuca**, Meyrick. Hudson, 72.

**Notoreas mechanitis**, Meyrick. Hudson, 72; Fereday, T.N.Z.I. xxx. 343.

**paradelpha**, Meyrick. Hudson, 72; Fereday, l.c. 343.

**perornata**, Walker. Hudson, 72; Fereday, l.c. 344.

**strategica**, Meyrick. Hudson, 73; Fereday, l.c. 343.

**callicrena**, Meyrick. Hudson, 73; Fereday, l.c. 344.

**niphocrena**, Meyrick. Hudson, 74; Fereday, l.c. 344.

**simplex**, Hudson, 74.

**ferox**, Butler. Hudson, 74; Fereday, l.c. 344.

**zopyra**, Meyrick. Hudson, 74; Fereday, l.c. 344.

**vulcanica**, Meyrick. Hudson, 75; Fereday, l.c. 344.

**brepbosata**, Walker. Hudson, 75; Fereday, l.c. 344.

**omichlias**, Meyrick. Hudson, 76; Fereday, l.c. 344.

**Samana**, Walker, 1863.

**falcatella**, Walker. Hudson, 76; Fereday, l.c. 344.

**acutata**, Butler. Hudson, 76; Fereday, l.c. 344.

#### Family STERRHIDÆ.

**Leptomeris**, Hübner, 116.

**rubraria**, Doubleday. Hudson, 77; Fereday, l.c. 337 (*Acidalia*).

#### Family MONOCTENIADÆ.

**Dichromodes**, Guenée, 1857.

**nigra**, Butler. Hudson, 78; Fereday, l.c. 345.

**gypsotis**, Meyrick. Hudson, 78; Fereday, l.c. 345.

**petrina**, Meyrick. Hudson, 78; Fereday, l.c. 345.

**Theoxena**, Meyrick, 1884.

**scissaria**, Guenée. Hudson, 79; Fereday, l.c. 337.

#### Family ORTHOSTIXIDÆ.

**Epirranthis**, Hübner, 1816.

**alectoraria**, Walker. Hudson, 80; Fereday, l.c. 345 (*Lyrcea*);  
Marriner, T.N.Z.I. xxxiii. 147.

**hemipteraria**, Guenée. Hudson, 80; Fereday, l.c. 337  
(*Xyridacma*).

#### Family SELIDOSEMIIDÆ.

**Selidosema**, Hübner, 1816.

**fenerata**, Felder. Hudson, 82; Fereday, l.c. 345.

**rudisata**, Walker. Hudson, 82; Fereday, l.c. 346.

**suavis**, Butler. Hudson, 83; Fereday, l.c. 345.

**humillima**, Hudson, 83.

**cremnopa**, Meyrick. T.E.S. 1897, 387.

**productata**, Walker. Hudson, 84; Fereday, l.c. 345.

**aristarcha**, Meyrick. Hudson, 85; Fereday, l.c. 346.

**melinata**, Felder. Hudson, 85; Fereday, l.c. 346.

**dejectaria**, Walker. Hudson, 85; Fereday, l.c. 346.

**panagratta**, Walker. Hudson, 87; Fereday, l.c. 346.

**ombrodes**, Meyrick. T.E.S. 1902, 275.

**Hybernia**, Latreille, 1825.  
*indocilis*, Walker. Hudson, 88; Fereday, T.N.Z.I. xxx. 345.

**Chalastra**, Walker, 1862.  
*pelurgata*, Walker. Hudson, 88; Fereday, l.c. 347.

**Sestra**, Walker, 1862.  
*humeraria*, Walker. Hudson, 89; Fereday, l.c. 347.  
*flexata*, Walker. Hudson, 90.

**Gonophylla**, Meyrick, 1886.  
*nelsonaria*, Felder. Hudson, 90; Fereday, l.c. 347.  
*gallaria*, Walker. Hudson, 92; Fereday, l.c. 347.  
*ophiopa*, Meyrick. Hudson, 93.  
*fortinata*, Guenée. Hudson, 93; Fereday, l.c. 347.

**Drepanodes**, Guenée, 1856.  
*muriferata*, Walker. Hudson, 91; Fereday, l.c. 347.

**Ipana**, Walker, 1858.  
*leptomera*, Walker. Hudson, 94; Fereday, l.c. 347.

**Declana**, Walker, 1858.  
*atronivea*, Walker. Hudson, 95; Fereday, l.c. 346 (*Detunda*).  
*egregia*, Walker. Hudson, 96; Fereday, l.c. 346 (*Detunda*).  
*floccosa*, Walker. Hudson, 96; Fereday, l.c. 346; T.N.Z.I. ix. 356, and xii. 273.  
*junctilinea*, Felder. Hudson, 98; Fereday, l.c. 347.  
*hermione*, Hudson, 98.  
*griseata*, Hudson, 98.  
*niveata*, Butler. Hudson, 98; Fereday, 347 (*Epicasis*).

## Family SPHINGIDÆ.

**Sphinx**, Linnæus, 1767.  
*convolvuli*, Linnæus. Hudson, 99; Fereday, l.c. 331.

## Section PYRALIDINA.

## Family PHYCITIDÆ.

**Crocydopora**, Meyrick, 1888.  
*cinigerella*, Walker. Fereday, T.N.Z.I. xxx. 357.  
*œnospora*, Meyrick. T.E.S. 1897, 388.

**Homœosoma**, Curtis, 1833.  
*anaspila*, Meyrick. T.E.S. 1901, 566.

## Family CRAMBIDÆ.

**Tauroscopa**, Meyrick, 1888.  
*gorgopis*, Meyrick. Fereday, l.c. 355.

**Hednota**, Meyrick, 1886.  
*leucophthalma*, Meyrick. Fereday, T.N.Z.I. xxx. 354.

**Diptychophora**, Zeller, 1866.

- pyrsophanes*, Meyrick. Fereday, T.N.Z.I. xxx. 354.
- chrysochyta*, Meyrick. Fereday, l.c. 354.
- interrupta*, Felder. Fereday, l.c. 354.
- lepidella*, Walker. Fereday, l.c. 354.
- leucoxantha*, Meyrick. Fereday, l.c. 354.
- metallifera*, Butler. Fereday, l.c. 354.
- auriscriptella*, Walker. Fereday, l.c. 354.
- heliocypa*, Meyrick. Fereday, l.c. 355.
- elaina*, Meyrick. Fereday, l.c. 355.
- selenæa*, Meyrick. Fereday, l.c. 355.
- holanthes*, Meyrick. Fereday, l.c. 355.
- bipunctella*, Walker. Fereday, l.c. 355.
- epiphæa*, Meyrick. Fereday, l.c. 355.
- harmonica*, Meyrick. Fereday, l.c. 355.

**Cryptomima**, Meyrick, 1883.

- acerella*, Walker. Fereday, l.c. 354.

**Scenoploca**, Meyrick, 1883.

- petraula*, Meyrick. Fereday, l.c. 354.

**Thinasotia**, Heinemann.

- claviferella*, Walker. Fereday, l.c. 355.

**Crambus**, Fabricius, 1798.

- æthonellus*, Meyrick. Fereday, l.c. 355.
- corruptus*, Butler. Fereday, l.c. 355.
- ramosellus*, Walker. Fereday, l.c. 356.
- angustipennis*, Zeller. Fereday, l.c. 356.
- dicrenellus*, Walker. Fereday, l.c. 356.
- haplotomus*, Meyrick. Fereday, l.c. 356.
- callirrhois*, Meyrick. Fereday, l.c. 356.
- simplex*, Butler. Fereday, l.c. 356.
- seriellus*, Meyrick. Fereday, l.c. 356.
- apicellus*, Zeller. Fereday, l.c. 356.
- vitellus*, Doubleday. Fereday, l.c. 356.
- flexuosellus*, Doubleday. Fereday, l.c. 356.
- tuhualis*, Felder. Fereday, l.c. 356.
- cyclopicus*, Meyrick. Fereday, l.c. 356.
- harpophorus*, Meyrick. Fereday, l.c. 356.
- xanthogrammus*, Meyrick. Fereday, l.c. 356.
- ephorus*, Meyrick. Fereday, l.c. 356.
- crenæus*, Meyrick. Fereday, l.c. 356.
- enchophorus*, Meyrick. Fereday, l.c. 357.
- diploorrhous*, Meyrick. Fereday, l.c. 357.
- pedias*, Meyrick. Fereday, l.c. 357.
- paraxenus*, Meyrick. Fereday, l.c. 357.
- sophronellus*, Meyrick. Fereday, l.c. 357.
- oncobolus*, Meyrick. Fereday, l.c. 357.

**Crambus heliotes**, Meyrick. Fereday, T.N.Z.I. xxx. 357.  
*isochytus*, Meyrick. Fereday, l.c. 357.  
*heteranthes*, Meyrick. T.E.S. 1901, 568.  
*antimorus*, Meyrick. T.E.S. 1901, 567.  
*horistes*, Meyrick. T.E.S. 1902, 276.

**Orocrambus**, Meyrick, 1885.

*melampetrus*, Meyrick. Fereday, l.c. 355.  
*catacaustus*, Meyrick. Fereday, l.c. 355.  
*tritonellus*, Meyrick. Fereday, l.c. 355.  
*mylites*, Meyrick. Fereday, l.c. 355.  
*thymniastes*, Meyrick. T.E.S. 1901, 567.

Family PYRAUSTIDÆ.

**Hymenia**, Hubner, 1816.  
*recurvalis*, Fabricius. Fereday, l.c. 349.

**Heliothela**, Guenée, 1854.

*atra*, Butler. Fereday, l.c. 349.

**Scoparia**, Hawthorn, 1811.

*oreas*, Meyrick. Fereday, l.c. 349.  
*phlerga*, Meyrick. Fereday, l.c. 350.  
*chlamydota*, Meyrick. Fereday, l.c. 350.  
*minusculalis*, Walker. Fereday, l.c. 350.  
*hemiplaca*, Meyrick. Fereday, l.c. 350.  
*linealis*, Walker. Fereday, l.c. 350. (sp. dub.)  
*minualis*, Walker. Fereday, l.c. 350.  
*chimeria*, Meyrick. Fereday, l.c. 350.  
*dinodes*, Meyrick. Fereday, l.c. 350.  
*acharis*, Meyrick. Fereday, l.c. 350.  
*cymatias*, Meyrick. Fereday, l.c. 350.  
*microphthalmia*, Meyrick. Fereday, l.c. 350.  
*hemicycla*, Meyrick. Fereday, l.c. 350.  
*ergatis*, Meyrick. Fereday, l.c. 350.  
*encapna*, Meyrick. Fereday, l.c. 350.  
*critica*, Meyrick. Fereday, l.c. 350.  
*characta*, Meyrick. Fereday, l.c. 350.  
*ustimacula*, Felder. Fereday, l.c. 350.  
*pongialis*, Felder. Fereday, l.c. 350.  
*melanægis*, Meyrick. Fereday, l.c. 350.  
*trapezophora*, Meyrick. Fereday, l.c. 350.  
*philetachra*, Meyrick. Fereday, l.c. 351.  
*colpota*, Meyrick. Fereday, l.c. 351.  
*periphanes*, Meyrick. Fereday, l.c. 351.  
*diphtheralis*, Walker. Fereday, l.c. 351.  
*submarginalis*, Walker. Fereday, l.c. 351.  
*cataxesta*, Meyrick. Fereday, l.c. 351.  
*tetracycla*, Meyrick. Fereday, l.c. 351.

**Scoparia indistinctalis**, Walker. Fereday, T.N.Z.I. xxx. 351.  
*chalicodes*, Meyrick. Fereday, l.c. 351.  
*leptalea*, Meyrick. Fereday, l.c. 351.  
*psammitis*, Meyrick. Fereday, l.c. 351.  
*epicomia*, Meyrick. Fereday, l.c. 351.  
*feredayi*, Knaggs. Fereday, l.c. 351.  
*acompa*, Meyrick. Fereday, l.c. 351.  
*manganensis*, Meyrick. Fereday, l.c. 351.  
*crypsinoa*, Meyrick. Fereday, l.c. 351.  
*axena*, Meyrick. Fereday, l.c. 351.  
*steropaea*, Meyrick. Fereday, l.c. 352.  
*exilis*, Knaggs. Fereday, l.c. 352.  
*elaphra*, Meyrick. Fereday, 352.  
*paltomacha*, Meyrick. Fereday, l.c. 352.  
*deltophora*, Meyrick. Fereday, l.c. 352.  
*sabulosella*, Walker. Fereday, l.c. 352.  
*panopla*, Meyrick. Fereday, l.c. 352.  
*trivirgata*, Felder. Fereday, l.c. 352.  
*petrina*, Meyrick. Fereday, l.c. 352.  
*cyamenta*, Meyrick. Fereday, l.c. 352.  
*astragalota*, Meyrick. Fereday, l.c. 352.  
*rotuella*, Felder. Fereday, l.c. 352.  
*harpalea*, Meyrick. Fereday, l.c. 352.  
*ejuncida*, Knapps. Fereday, l.c. 352.  
*niphospora*, Meyrick. Fereday, l.c. 352.  
*apheles*, Meyrick. Fereday, l.c. 352.  
*aspidotata*, Meyrick. Fereday, l.c. 352.  
*nomentis*, Meyrick. Fereday, l.c. 353.  
*epicremna*, Meyrick. Fereday, l.c. 353.  
*legnota*, Meyrick. Fereday, l.c. 353.  
*octophora*, Meyrick. Fereday, l.c. 353.  
*asterisca*, Meyrick. Fereday, l.c. 353.  
*leucogramma*, Meyrick. Fereday, l.c. 353.  
*torodes*, Meyrick. T.E.S. 1901, 568.  
*parachalca*, Meyrick. T.E.S. 1901, 569.  
*organaea*, Meyrick. T.E.S. 1901, 569.  
*alopecias*, Meyrick. T.E.S. 1901, 570.  
*leptophaea*, Meyrick. T.E.S. 1902, 277.

**Clepsicosma**, Meyrick, 1888.  
*iridia*, Meyrick. Fereday, l.c. 354.

**Paraponyx**, Hubner, 1816.  
*nitens*, Butler. Fereday, l.c. 354.

**Musotima**, Meyrick, 1884.  
*aduncalis*, Felder. Fereday, l.c. 348.  
*nitidalis*, Walker. Fereday, l.c. 348.

**Diasemia**, Guenée, 1854.  
*grammalis*, Doubleday. Fereday, l.c. 348.

**Sceliodes**, Guenée, 1854.  
*cordalis*, Doubleday. Fereday, T.N.Z.I. xxx. 348.

**Mecyna**, Guenée, 1854.  
*deprivalis*, Walker. Fereday, l.c. 349.  
*marmorina*, Meyrick. Fereday, l.c. 349; Meyrick, T.E.S. 1902, 276.  
*flavidalis*, Doubleday. Fereday, l.c. 349.  
*notata*, Butler. Fereday, l.c. 349.  
*daiclesalis*, Walker. Fereday, l.c. 349.

**Protenia**, Meyrick, 1884.  
*philocapna*, Meyrick. Fereday, l.c. 349.

**Nesarcha**, Meyrick, 1884.  
*hybreadalis*, Walker. Fereday, l.c. 349.

Family PYRALIDÆ.

**Deana**, Butler.  
*paronalis*, Walker. Fereday, l.c. 348.

**Diplopseustis**, Meyrick, 1884.  
*minima*, Butler. Fereday, l.c. 348.

Family PTEROPHORIDÆ.

**Platyptilia**, Hubner, 1816.  
*haasti*, Felder. Fereday, l.c. 353.  
*falcatalis*, Walker. Fereday, l.c. 353.  
*heliastis*, Meyrick. Fereday, l.c. 353.  
*ælodes*, Meyrick. T.E.S. 1902, 278.

**Stenoptilia**, Hubner, 1816.  
*orites*, Meyrick. Fereday, l.c. 353.  
*charadrias*, Meyrick. Fereday, l.c. 353.  
*lithoxesta*, Meyrick. Fereday, l.c. 353.

**Pterophorus**, Geoffroy, 176  
*furcatilis*, Walker. Fereday, l.c. 353.  
*lycosemus*, Meyrick. Fereday, l.c. 353.  
*monospilalis*, Walker. Fereday, l.c. 353.  
*innotatalis*, Walker. Fereday, l.c. 353.  
*celidotus*, Meyrick. Fereday, l.c. 353.

Family SICULODIDÆ.

**Siculodes**, Schaeffer, 1855.  
*subfasciata*, Walker. Fereday, l.c. 348.

Section PSYCHINA.  
 Family PSYCHIDÆ.

**Oceticus**, Guilding, 1827.  
*omnivorus*, Fereday. Hudson, N.Z. Lep. 123; Fereday, l.c. 330.

**Orophora**, Fereday, 1878.  
*unicolor*, Butler. Hudson, l.c. 126; Fereday, l.c. 330.

## Section TORTRICINA.

## Family EPIBLEMIDÆ.

**Epiblema**, Hubner, 1816.  
*aphrias*, Meyrick. T.E.S. 1901, 578.

**Epalxiphora**, Meyrick, 1881.  
*axenana*, Meyrick. Fereday, T.N.Z.I. xxx. 360.

**Bactra**, Stephens, 1829.  
*lanceolana*, Hubner. Fereday, l.c. 360.

**Protithona**, Meyrick, 1883.  
*fugitivana*, Meyrick. Fereday, l.c. 361.

**Noteraula**, Meyrick, 1892.  
*straminea*, Meyrick. Fereday, l.c. 361.

**Strepticrates**, Meyrick, 1881.  
*ejectana*, Walker. Fereday, l.c. 361.  
*zopherana*, Meyrick. Fereday, l.c. 361.  
*charopa*, Meyrick. Fereday, l.c. 361.  
*parthenia*, Meyrick. Fereday, l.c. 361.  
*emplasta*, Meyrick. T.E.S. 1901, 571.

**Hendecasticha**, Meyrick, 1881.  
*aethaliana*, Meyrick. Fereday, l.c. 361.

**Exoria**, Meyrick, 1883.  
*mochlophorana*, Meyrick. Fereday, l.c. 361.

Family TORTRICIDÆ.

**Capua**, Stephens, 1834.  
*semiferana*, Walker. Fereday, l.c. 357.

**Pyrgotis**, Meyrick, 1883.  
*plagiastana*, Walker. Fereday, l.c. 358.  
*zygiana*, Meyrick. Fereday, l.c. 358.  
*endorana*, Meyrick. Fereday, l.c. 358.  
*plinthoglypta*, Meyrick. Fereday, l.c. 358.  
*pyramidias*, Meyrick. T.E.S. 1901, 571.

**Adoxophyes**, Meyrick, 1883.  
*lotiana*, Meyrick. Fereday, l.c. 358.  
*conditana*, Walker. Fereday, l.c. 358.  
*camelina*, Meyrick. Fereday, l.c. 358.  
*trichroa*, Meyrick. T.E.S. 1901, 578.

**Proselena**, Meyrick, 1883.  
*aspistana*, Meyrick. Fereday, l.c. 358.  
*hermionana*, Meyrick. Fereday, l.c. 358.  
*siriana*, Meyrick. Fereday, l.c. 358.  
*elephantina*, Meyrick. Fereday, l.c. 358.  
*eremana*, Meyrick. Fereday, l.c. 358.

**Proselena loxias**, Meyrick. Fereday, T.N.Z.I. xxx. 358.  
*eribola*, Meyrick. Fereday, l.c. 358.  
*zatrophana*, Meyrick. Fereday, l.c. 358.  
*emphanes*, Meyrick. T.E.S. 1901, 571.

**Harmologa**, Meyrick, 1883.  
*sityrana*, Meyrick. Fereday, l.c. 358.  
*oblongana*, Walker. Fereday, l.c. 359.  
*aenea*, Butler. Fereday, l.c. 359.  
*amplexana*, Zeller. Fereday, l.c. 359.  
*latomana*, Meyrick. Fereday, l.c. 359.  
*sirea*, Meyrick. Fereday, l.c. 359.  
*petrias*, Meyrick. T.E.S. 1901, 572.  
*achrosta*, Meyrick. T.E.S. 1901, 572.

**Ctenopseustris**, Meyrick, 1885.  
*obliquana*, Walker. Fereday, l.c. 359.

**Cacœcia**, Hubner, 1816.  
*excessana*, Walker. Fereday, l.c. 359.  
*enoplana*, Meyrick. Fereday, l.c. 359.  
*alopecana*, Meyrick. Fereday, l.c. 359.  
*astrologana*, Meyrick. Fereday, l.c. 359.  
*torogramma*, Meyrick. T.E.S. 1897, 388.  
*fervida*, Meyrick. T.E.S. 1901, 572.  
*orthropis*, Meyrick. T.E.S. 1901, 573.

**Tortrix**, Treitschke, 1829.  
*characterana*, Meyrick. Fereday, l.c. 359.  
*demiana*, Meyrick. Fereday, l.c. 359.  
*pictoriana*, Felder. Fereday, l.c. 360.  
*philopoana*, Meyrick. Fereday, l.c. 360.  
*leucaniana*, Walker. Fereday, l.c. 360.  
*aerodana*, Meyrick. Fereday, l.c. 360.

**Dipterina**, Meyrick, 1883.  
*jactatana*, Walker. Fereday, l.c. 360.  
*incessana*, Walker. Fereday, l.c. 360.  
*imbriferana*, Meyrick. Fereday, l.c. 360.

**Eurythecta**, Meyrick, 1883.  
*robusta*, Butler. Fereday, l.c. 360.

**Prothelymna**, Meyrick, 1883.  
*nephelotana*, Meyrick. Fereday, l.c. 360.

#### Family PHALONIDÆ.

**Heterocrossa**, Meyrick, 1883.  
*adreptella*, Walker. Fereday, l.c. 361.  
*gonosemana*, Meyrick. Fereday, l.c. 361.  
*cryodana*, Meyrick. Fereday, l.c. 361.

**Heterocrossa epomiana**, Meyrick. Fereday, T.N.Z.I. xxx.

361.

**exochana**, Meyrick. Fereday, l.c. 361.

**eriphylla**, Meyrick. Fereday, l.c. 362.

**charaxias**, Meyrick. Fereday, l.c. 362.

**Isonomeutis**, Meyrick, 1888.

**amauropa**, Meyrick. Fereday, l.c. 362.

Section TINEINA.

Family GELECHIADÆ.

**Megacraspedus**, Zeller, 1839.

**calamogonus**, Meyrick. Fereday, l.c. 362.

**Isochasta**, Meyrick, 1886.

**paradesma**, Meyrick. Fereday, l.c. 362.

**Thiotrichia**, Meyrick, 1886.

**tetrophala**, Meyrick. Fereday, l.c. 362.

**thorybodes**, Meyrick. Fereday, l.c. 362.

**Scieropepla**, Meyrick, 1886.

**typhicola**, Meyrick. Fereday l.c. 362.

**Gelechia**, Hubner, 1816.

**solanella**, Boisduval. Fereday, l.c. 362.

**thyraula**, Meyrick. Fereday, l.c. 362.

**brontophora**, Meyrick. Fereday, l.c. 362.

**schematica**, Meyrick Fereday, l.c. 362.

**paraplura**, Meyrick. Fereday, l.c. 362.

**pharetria**, Meyrick. Fereday, l.c. 362.

**monophragma**, Meyrick. Fereday, l.c. 362.

**lithodes**, Meyrick. Fereday, l.c. 363.

**achyrota**, Meyrick. Fereday, l.c. 363.

**hippeis**, Meyrick. T.E.S. 1901, 573.

**Anisoplaca**, Meyrick, 1886.

**ptyoptera**, Meyrick. Fereday, l.c. 363.

**Epiphthora**, Meyrick, 1888.

**melanombra**, Meyrick. Fereday, l.c. 363.

Family ECOPHORIDÆ.

**Phæosaces**, Meyrick, 1886.

**compsotypa**, Meyrick. Fereday, l.c. 363.

**apocrypta**, Meyrick. Fereday, l.c. 363.

**liochohra**, Meyrick. Fereday, l.c. 363.

**Nymphostola**, Meyrick, 1884.

**galactina**, Felder. Fereday, l.c. 363; Hutton, T.N.Z.I. xii. 274.

**Proteodes**, Meyrick, 1882.

**carnifex**, Butler. Fereday, l.c. 363.

**Eulechria**, Meyrick, 1882.

`zophoëssa`, Meyrick. Fereday, T.N.Z.I. xxx. 363.  
  `photinella`, Meyrick. Fereday, l.c. 363.

**Atomotricha**, Meyrick, 1884.

`ommatias`, Meyrick. Fereday, l.c. 363.

**Brachysara**, Meyrick, 1884.

`sordida`, Butler. Fereday, l.c. 363.

**Phlœopola**, Meyrick, 1883.

`dinocosma`, Meyrick. Fereday, l.c. 364.

**Trachypepla**, Meyrick, 1884

`leucoplanetis`, Meyrick. Fereday, l.c. 364.  
  `euryleucota`, Meyrick. Fereday, l.c. 364.  
  `conspicuella`, Walker. Fereday, l.c. 364.  
  `spartodeta`, Meyrick. Fereday, l.c. 364.  
  `nyctopis`, Meyrick. Fereday, l.c. 364.  
  `galaxias`, Meyrick. Fereday, l.c. 364.  
  `hieropis`, Meyrick. Fereday, l.c. 364.  
  `protochlora`, Meyrick. Fereday, l.c. 364.  
  `aspidephora`, Meyrick. Fereday, l.c. 364.  
  `anastrella`, Meyrick. Fereday, l.c. 364.  
  `lichenodes`, Meyrick. Fereday, l.c. 364.

**Aschleta**, Meyrick, 1884.

`psychra`, Meyrick. Fereday, l.c. 364.

**Peltophora**, Meyrick, 1888.

`amenena`, Meyrick. Fereday, l.c. 364.

**Semicosma**, Meyrick, 1884.

`mystis`, Meyrick. Fereday, l.c. 364.  
  `peroneanella`, Walker. Fereday, l.c. 364.  
  `picarella`, Walker. Fereday, l.c. 365.  
  `epiphanes`, Meyrick. Fereday, l.c. 365.  
  `prasophyta`, Meyrick. Fereday, l.c. 365.  
  `austera`, Meyrick. Fereday, l.c. 365.  
  `apodoxa`, Meyrick. Fereday, l.c. 365.  
  `platyptera`, Meyrick. Fereday, l.c. 365.  
  `caustopa`, Meyrick. Fereday, l.c. 365.  
  `paraneura`, Meyrick. Fereday, l.c. 365.  
  `balanophora`, Meyrick. T.E.S. 1897, 389.

**Lathicrossa**, Meyrick, 1884.

`leucocentra`, Meyrick. Fereday, l.c. 365.

**Thamnosara**, Meyrick, 1884.

`chirista`, Meyrick. Fereday, l.c. 365.

**Gymnobathra**, Meyrick, 1884.

`coarctatella`, Walker. Fereday, l.c. 365.

**Gymnobathra sarcoxantha**, Meyrick. Fereday, T.N.Z.I.  
xxx. 365.

- parca, Butler. Fereday, l.c. 365.
- tholodella**, Meyrick. Fereday, l.c. 365.
- calliploca**, Meyrick. Fereday, l.c. 365.
- flavidella**, Walker. Fereday, l.c. 365.
- hamatella**, Walker. Fereday, l.c. 365.
- hyetodes**, Meyrick. Fereday, l.c. 366.
- philadelphia**, Meyrick. Fereday, l.c. 366.
- habropis**, Meyrick. Fereday, l.c. 366.
- omphalota**, Meyrick. Fereday, l.c. 366.
- thetodes**, Meyrick. T.E.S. 1901, 574.

**Cecophora**, Latreille, 1796.

- scholæa**, Meyrick. Fereday, l.c. 366.
- letharga**, Meyrick. Fereday, l.c. 366.
- chloritis**, Meyrick. Fereday, l.c. 366.
- epimylia**, Meyrick. Fereday, l.c. 366.
- contextella**, Walker. Fereday, l.c. 366.
- hemimochla**, Meyrick. Fereday, l.c. 366.
- griseata**, Butler. Fereday, l.c. 366.
- phlegophylla**, Meyrick. Fereday, l.c. 366.
- oporæa**, Meyrick. Fereday, l.c. 366.
- horæa**, Meyrick. Fereday, l.c. 366.
- armigerella**, Walker. Fereday, l.c. 366.
- apanthes**, Meyrick. Fereday, l.c. 366.
- anæma**, Meyrick. Fereday, l.c. 366.
- macarella**, Meyrick. Fereday, l.c. 366.
- homodoxa**, Meyrick. Fereday, l.c. 366.
- siderodeta**, Meyrick. Fereday, l.c. 366.
- hoplodesma**, Meyrick. Fereday, l.c. 367; T.E.S. 1901, 574.
- chrysogramma**, Meyrick. Fereday, l.c. 367.
- politis**, Meyrick. Fereday, l.c. 367.
- nycteris**, Meyrick. Fereday, l.c. 367.
- actinias**, Meyrick. T.E.S. 1901, 574.

**Cremonogenes**, Meyrick, 1884.

- oxyina**, Meyrick. Fereday, l.c. 367.
- aphrontis**, Meyrick. Fereday, l.c. 367.
- siderodeta**, Meyrick. Fereday, l.c. 367.

#### Family ELACHISTIDÆ.

**Vanicela**, Walker, 1864.

- disjunctella**, Walker. Fereday, l.c. 372.
- xenadelpha**, Meyrick. Fereday, l.c. 372.

**Stathmopoda**, Stainton, 1854.

- holochra**, Meyrick. Fereday, l.c. 372.
- phlegra**, Meyrick. Fereday, l.c. 372.
- campylocha**, Meyrick. Fereday, l.c. 372.

**Stathmopoda skelloni**, Butler. Fereday, T.N.Z.I. xxx. 372.  
*epichlora*, Meyrick. Fereday, l.c. 372.  
*caminora*, Meyrick. Fereday, l.c. 372.  
*aposema*, Meyrick. T.E.S. 1901, 575.  
*mysteriastis*, Meyrick. T.E.S. 1901, 575.

**Calicotis**, Meyrick, 1889.  
*crucifera*, Meyrick. Fereday, l.c. 372.

**Thylacosceles**, Meyrick, 1889.  
*acridomima*, Meyrick. Fereday, l.c. 372.

**Zapyrastra**, Meyrick, 1889.  
*calliphana*, Meyrick. Fereday, l.c. 372.

**Limnœcia**, Scudder, 1872.  
*phragmitella*, Stainton. Fereday, l.c. 372.

**Syntomactis**, Meyrick, 1889.  
*deamatella*, Walker. Fereday, l.c. 372.

**Proterocosma**, Meyrick, 1889.  
*apparitella*, Walker. Fereday, l.c. 373.  
*aëllotricha*, Meyrick. Fereday, l.c. 373.  
*anarithma*, Meyrick. Fereday, l.c. 373.

**Elachista**, Treitschke, 1833.  
*melanura*, Meyrick. Fereday, l.c. 373.  
*gerasmia*, Meyrick. Fereday, l.c. 373.  
*thallophora*, Meyrick. Fereday, l.c. 373.  
*helonoma*, Meyrick. Fereday, l.c. 373.  
*exaula*, Meyrick. Fereday, l.c. 373.  
*ombrodoeca*, Meyrick. Fereday, l.c. 373.  
*archæonoma*, Meyrick. Fereday, l.c. 373.

**Batrachedra**, Stainton, 1854.  
*eucola*, Meyrick. Fereday, l.c. 373.  
*arenosella*, Walker. Fereday, l.c. 373.  
*psithyura*, Meyrick. Fereday, l.c. 373.  
*tristicta*, Meyrick. T.E.S. 1901, 579.  
*agaura*, Meyrick. T.E.S. 1901, 579.

**Endrosis**, Hubner, 1816.  
*lacteella*, Schiff. Fereday, l.c. 371.

**Butalis**, Treitschke, 1833.  
*epistrota*, Meyrick. Fereday, l.c. 371.

**Lysiphragma**, Meyrick, 1888.  
*mixochlora*, Meyrick. Fereday, l.c. 371.  
*epixyla*, Meyrick. Fereday, l.c. 371.  
*howesii*, Quail. T.N.Z.I. xxxiii. 154.

## Family PLUTELLIDÆ.

## Sub-family GLYPHIPTERYGINÆ.

**Heliostribes**, Zeller, 1874.*illita*, Félder. Fereday, T.N.Z.I. xxx. 367.*atychioides*, Butler. Fereday, l.c. 367.*electrica*, Meyrick. Fereday, l.c. 367.**Simæthis**, Leach, 1819.*combinatana*, Walker. Meyrick, P.L.S.N.S.W. iv. 213.*microlitha*, Meyrick. Fereday, l.c. 367.*marmarea*, Meyrick. Fereday, l.c. 367.*symbolæa*, Meyrick. Fereday, l.c. 367.**Glyphipteryx**, Zeller, 1839.*triselena*, Meyrick. P.L.S.N.S.W. iv. 234.*euastera*, Meyrick. P.L.S.N.S.W. 236.*asteronocta*, Meyrick. P.L.S.N.S.W. iv. 249.*iocheæra*, Meyrick. P.L.S.N.S.W. iv. 243.*acrothecta*, Meyrick. P.L.S.N.S.W. iv. 244.*astrapæa*, Meyrick. P.L.S.N.S.W. iv. 245.*transversella*, Walker. Meyrick, P.L.S.N.S.W. iv. 246.*zelota*, Meyrick. Fereday, T.N.Z.I. xxx. 367.*acronoma*, Meyrick. Fereday, T.N.Z.I. xxx. 367.*leptosema*, Meyrick. Fereday, T.N.Z.I. xxx. 367.*nephroptera*, Meyrick. Fereday, T.N.Z.I. xxx. 367.**Phryganostola**, Meyrick, 1880.*oxymachæra*, Meyrick. P.L.S.N.S.W. iv. 251.*achlyoessa*, Meyrick. P.L.S.N.S.W. iv. 252.*ataracta*, Meyrick. Fereday, l.c. 368.**Circica**, Meyrick, 1888.*cionophora*, Meyrick. Fereday, l.c. 368.*xestobela*, Meyrick. Fereday, l.c. 368.**Pantosperma**, Meyrick, 1888.*holochalea*, Meyrick. Fereday, l.c. 368.

## Sub-family PLUTELLINÆ.

**Protosynæma**, Meyrick, 1886.*eratospis*, Meyrick. Fereday, l.c. 368.*steropucha*, Meyrick. Fereday, l.c. 368..**Orthenches**, Meyrick, 1886.*chlorocoma*, Meyrick. Fereday, l.c. 368.*prasinodes*, Meyrick. Fereday, l.c. 368.*porphyritis*, Meyrick. Fereday, l.c. 368.**Yponomeuta**, Latreille, 1796.*cuprea*, Meyrick. T.E.S. 1901, 575.

**Plutella**, Schrank, 1802.  
*sera*, Meyrick. Fereday, T.N.Z.I. xxx. 368.  
*psammochroa*, Meyrick. Fereday, l.c. 368.  
*antiphona*, Meyrick. T.E.S. 1901, 576.

**Dolichermis**, Meyrick, 1891.  
*chloroleuca*, Meyrick. Fereday, l.c. 369.

**Compristis**, Meyrick, 1888.  
*bifaciella*, Walker. Fereday, l.c. 368.

**Hypeuryntis**, Meyrick, 1897.  
*coricopa*, Meyrick. T.E.S. 1897, 389.

**Eutora**, Meyrick, 1889.  
*caryochroa*, Meyrick. Fereday, l.c. 369.  
*symmophora*, Meyrick. Fereday, l.c. 369.

Family TINEIDÆ.  
 Sub-family NEPTICULINÆ.

**Nepticula**, Heyden, 1842.  
*tricentra*, Meyrick. Fereday, l.c. 374.  
*ogygia*, Meyrick. Fereday, l.c. 374.  
*propalæa*, Meyrick. Fereday, l.c. 374.

Sub-family GRACILIARIINÆ.

**Gracillaria**, Hawthorn, 1828.  
*chrysitis*, Felder. Fereday, l.c. 373.  
*chalcodelta*, Meyrick. Fereday, l.c. 373.  
*linearis*, Butler. Fereday, l.c. 373.  
*leucocyma*, Meyrick. Fereday, l.c. 374.  
*aëllomacha*, Meyrick. Fereday, l.c. 374.  
*æthalota*, Meyrick. Fereday, l.c. 374.

**Coriscium**, Zeller, 1839.  
*miniellum*, Felder. Fereday, l.c. 374.

**Conopomorpha**, Meyrick, 1886.  
*cyanospila*, Meyrick. Fereday, l.c. 374.

Sub-family ARGYRESTHIINÆ.

**Hofmannia**, Heinemann and Wocke, 1876.  
*sphenota*, Meyrick. Fereday, l.c. 371.

**Circostola**, Meyrick, 1889.  
*copidota*, Meyrick. Fereday, l.c. 371.

**Cateristis**, Meyrick, 1889.  
*eustyla*, Meyrick. Fereday, l.c. 371.

**Bedellia**, Stainton, 1849.  
*psamminella*, Meyrick. Fereday, l.c. 372.

## Sub-family ANAPHORINÆ.

**Titanomis**, Meyrick, 1888.**sisyrota**, Meyrick. Fereday, T.N.Z.I. xxx. 371.

## Sub-family LIPUSINÆ.

**Scoriodyta**, Meyrick, 1888.**conisalia**, Meyrick. Fereday, l.c. 370.**Mallobathra**, Meyrick, 1888.**crataea**, Meyrick. Fereday, l.c. 371.**metrosema**, Meyrick. Fereday, l.c. 371.**microphanes**, Meyrick. Fereday, l.c. 371.**homalopa**, Meyrick. Fereday, l.c. 371.

## Sub-family TINEINÆ.

**Amphixystis**, Meyrick, 1901.**hapsimacha**, Meyrick, T.E.S. 1901, 577.**Dryadaula**, Meyrick, 1893.**pactolia**, Meyrick. T.E.S. 1901, 577.**Ereunetis**, Meyrick, 1888.**technica**, Meyrick. Fereday, l.c. 369.**exospila**, Meyrick. T.E.S. 1901, 577.**Eschatotypa**, Meyrick, 1880.**melichrysa**, Meyrick, P.L.S.N.S.W. iv. 257.**Erechthias**, Meyrick, 1880.**chasmatis**, Meyrick. P.L.S.N.S.W. iv. 264.**stilbella**, Walker. Meyrick, P.L.S.N.S.W. iv. 265.**charadrota**, Meyrick. P.L.S.N.S.W. iv. 268.**chionodira**, Meyrick. P.L.S.N.S.W. iv. 268.**sub-pavonella**, Walker. Meyrick, P.L.S.N.S.W. iv. 269.**melanotricha**, Meyrick. Fereday, l.c. 369.**erebistis**, Meyrick. Fereday, l.c. 269.**Decadarchis**, Meyrick, 1891.**monastra**, Meyrick. Fereday, l.c. 369.**Endophthora**, Meyrick, 1888.**omogramma**, Meyrick. Fereday, l.c. 369.**pharotoma**, Meyrick. Fereday, l.c. 369.**mesotypa**, Meyrick. Fereday, l.c. 369.**agriopa**, Meyrick. Fereday, l.c. 369.**Habrophila**, Meyrick, 1889.**compseuta**, Meyrick. Fereday, l.c. 370.**Sagephora**, Meyrick, 1888.**phortegella**, Meyrick. Fereday, l.c. 370.**steropastis**, Meyrick. Fereday, l.c. 370.

**Blabophanes**, Zeller. Lep. Holland.  
**ethelella**, Newman. Fereday, T.N.Z.I. xxx. 370.  
**ornithias**, Meyrick. Fereday, l.c. 370.

**Tinea**, Fabricius, 1775.

**grammocosma**, Meyrick. Fereday, l.c. 370.  
**belonota**, Meyrick. Fereday, l.c. 370.  
**certella**, Walker. Fereday, l.c. 370.  
**mochlota**, Meyrick. Fereday, l.c. 370.  
**terranea**, Butler. Fereday, l.c. 370.

Series MICROPTERYGINA.

Family HEPIALIDÆ.

**Hepialus**, Fabricius, 1776.

**virescens**, Doubleday. Hudson, N.Z. Lep. 129; Fereday, l.c. 330; Gossett, T.N.Z.I. xi. 347.

**Porina**, Walker, 1856.

**dinodes**, Meyrick. Hudson, l.c. 132; Fereday, l.c. 329.  
**mairi**, Buller. Hudson, l.c. 132; Fereday, l.c. 329.  
**enysii**, Butler. Hudson, l.c. 133; Fereday, l.c. 329.  
**characterifera**, Walker. Hudson, l.c. 133; Fereday, l.c. 329.  
**cervinata**, Walker. Hudson, l.c. 133; Fereday, l.c. 329.  
**despecta**, Walker. Hudson, l.c. 134; Fereday, l.c. 330.  
**umbraculata**, Guenée. Hudson, l.c. 134; Fereday, l.c. 330; *P. variolaris*, Hutton, T.N.Z.I. ix. 356.  
**signata**, Walker. Hudson, l.c. 134; Fereday, l.c. 330.  
**variolaris**, Guenée. Fereday, l.c. 330.

Family MICROPTERYGIDÆ.

**Mnesarchæa**, Meyrick, 1886.

**paracosma**, Meyrick. Fereday, l.c. 368.  
**loxoscia**, Meyrick. Fereday, l.c. 368.  
**hamadelpha**, Meyrick. Fereday, l.c. 369.

**Palæomicra**, Meyrick, 1886.

**chalcophanes**, Meyrick. Fereday, l.c. 369.  
**chrysargyra**, Meyrick. Fereday, l.c. 369.  
**zonodoxa**, Meyrick. Fereday, l.c. 369.  
**doroxena**, Meyrick. Fereday, l.c. 369.

APPENDIX.

The following Butterfly has been found several times in New Zealand, but does not appear to be naturalised :—

**Diadema nerina**, Fabricius. Fereday, l.c. 328; *Anosia bolina*, Hudson, N.Z. Lep. 104.

## Order DIPTERA.

## Series CYCLORRHAPHA SCHIZOPHORA.

## Family TACHINIDÆ.

**Macquartia**, R. Desvoidy, 1830.    *subtilis*, Hutton. T.N.Z.I. xxxiii. 46.    *vexata*, Hutton. T.N.Z.I. xxxiii. 46.**Tryphera**, Meigen, 1838.    *sosilus*, Walker. Hutton, T.N.Z.I. xxxiii. 47.**Calcager**, Hutton, 1901.    *apertum*, Hutton. T.N.Z.I. xxxiii. 48.    *turbidum*, Hutton. T.N.Z.I. xxxiii. 49.    *temerarium*, Hutton. T.N.Z.I. xxxiii. 50.    *humeratum*, Hutton. T.N.Z.I. xxxiii. 50.**Nemoræa**, R. Desvoidy, 1830.    *mestor*, Walker. Hutton, T.N.Z.I. xxxiii. 51.**Hystricia**, Macquart, 1843.    *lupina*, Swederus. Hutton, T.N.Z.I. xxxiii. 51.    *pachyprocta*, Nowicki. Hutton, T.N.Z.I. xxxiii. 52.**Occisor**, Hutton, 1901.    *inscitus*, Hutton. T.N.Z.I. xxxiii. 52.    *versutus*, Hutton. T.N.Z.I. xxxiii. 53.**Tachina**, Meigen, 1803.    *clarkii*, Hutton. T.N.Z.I. xxxiii. 53.**Procissio**, Hutton, 1901.    *cana*, Hutton. T.N.Z.I. xxxiii. 54.    *modica*, Hutton. T.N.Z.I. xxxiii. 55.    *valida*, Hutton. T.N.Z.I. xxxiii. 55.    *montana*, Hutton. T.N.Z.I. xxxiii. 55.**Peremptor**, Hutton, 1901.    *pavida*, Hutton. T.N.Z.I. xxxiii. 56.    *egmonti*, Hutton. T.N.Z.I. xxxiii. 56.**Cerosomyia**, Hutton, 1901.    *usitata*, Hutton. T.N.Z.I. xxxiii. 57.**Phorocera**, R. Desvoidy, 1830.    *feredayi*, Hutton. T.N.Z.I. xxxiii. 58.    *clathrata*, Nowicki. Hutton, T.N.Z.I. xxxiii. 58.    *nyctemeriana*, Hudson. Hutton, T.N.Z.I. xxxiii. 58.    *marginata*, Hutton. T.N.Z.I. xxxiii. 59.    *nefaria*, Hutton. T.N.Z.I. xxxiii. 59.    *efferata*, Hutton. T.N.Z.I. xxxiii. 59.    *orasus*, Walker. Hutton, T.N.Z.I. xxxiii. 60.    *atrox*, Hutton. T.N.Z.I. xxxiii. 60.    *funesta*, Hutton. T.N.Z.I. xxxiii. 60.    *perniciosa*, Hutton. T.N.Z.I. xxxiii. 60.

**Gymnophania**, Brauer and Bergenstamni, 1889.  
*pernix*, Hutton. T.N.Z.I. xxxiii. 61.

**Phania**, Meigen, 1824.  
*verecunda*, Hutton. T.N.Z.I. xxxiii. 61.

## Family MUSCIDÆ.

**Calliphora**, R. Desvoidy, 1830.  
*quadrimaculata*, Swederus. Hutton, T.N.Z.I. xxxiii. 64 ;  
 Travers, T.N.Z.I. iii. 116.  
*hortona*, Walker. Hutton, T.N.Z.I. xxxiii. 65.  
*icela*, Walker. Hutton, T.N.Z.I. xxxiii. 65.  
*antennatis*, Hutton. T.N.Z.I. xxxiii. 65.  
*læmica*, White. Hutton, T.N.Z.I. xxxiii. 66.  
*eudypti*, Hutton. T.N.Z.I. xxxiv. 170.  
*antipodea*, Hutton. T.N.Z.I. xxxiv. 170.

**Sepimentum**, Hutton, 1901.  
*fumosum*, Hutton. T.N.Z.I. xxxiii. 67.  
*demissum*, Hutton. T.N.Z.I. xxxiii. 67.

## Family ANTHOMYIDÆ.

**Trichophthicus**, Rondani, 1870.  
*melas*, Schiner. Hutton, T.N.Z.I. xxxiii. 70.  
*dolosus*, Hutton. T.N.Z.I. xxxiii. 70.  
*carbonarius*, Hutton. T.N.Z.I. xxxiii. 71.  
*maculipennis*, Hutton. T.N.Z.I. xxxiii. 71.  
*limpidus*, Hutton. T.N.Z.I. xxxiii. 71.  
*ordinatus*, Hutton. T.N.Z.I. xxxiii. 72.  
*villosus*, Hutton. T.N.Z.I. xxxiv. 171.

**Limnophora**, R. Desvoidy, 1830.  
*rapax*, Hutton. T.N.Z.I. xxxiii. 72.  
*aucklandica*, Hutton. T.N.Z.I. xxxiv. 172.

**Homalomyia**, Bouché, 1834.  
*fulvescens*, Hutton. T.N.Z.I. xxxiii. 73.  
*fuliginosa*, Hutton. T.N.Z.I. xxxiii. 74.  
*badia*, Hutton. T.N.Z.I. xxxiii. 74.  
*rava*, Hutton. T.N.Z.I. xxxiii. 74.  
*fraxinea*, Hutton. T.N.Z.I. xxxiii. 75.

**Exsul**, Hutton, 1901.  
*singularis*, Hutton. T.N.Z.I. xxxiii. 75.

**Phorbia**, R. Desvoidy, 1830.  
*novæ-zealandiæ*, Hutton. T.N.Z.I. xxxiii. 76.

**Cœnosia**, Meigen, 1826.  
*spinipes*, Walker. Hutton, T.N.Z.I. xxxiii. 76.  
*smithii*, Hutton. T.N.Z.I. xxxiii. 77.  
*rubriceps*, Hutton. T.N.Z.I. xxxiii. 77.

**Cœnosia purgatoria**, Hutton. T.N.Z.I. xxxiii. 77.  
**algivora**, Hutton. T.N.Z.I. xxxiii. 78.

Family CORDYLURIDÆ.

**Cordylura**, Fallen, 1819.  
**debilis**, Hutton. T.N.Z.I. xxxiii. 79.

Family PHYCODROMIDÆ.

**Cœlopa**, Meigen, 1830.  
**littoralis**, Hutton. T.N.Z.I. xxxiii. 80.  
**monstruosa**, Hutton. T.N.Z.I. xxxiii. 80.  
**curvipes**, Hutton. T.N.Z.I. xxxiv. 172.  
**rufa**, Hutton. T.N.Z.I. xxxiv. 173.

Family HELOMYZIDÆ.

**Helomyza**, Fallen, 1839.  
**scutellata**, Hutton. T.N.Z.I. xxxiii. 81.  
**hudsoni**, Hutton. T.N.Z.I. xxxiii. 81.

**Heteromyza**, Fallen, 1820.  
**laquei**, Hutton. T.N.Z.I. xxxiv. 173.

**Leria**, R. Desvoidy, 1830.  
**placata**, Hutton. T.N.Z.I. xxxiii. 82.  
**fulva**, Hutton. T.N.Z.I. xxxiii. 82.

Family SCIOMYZIDÆ.

**Sciomyza**, Fallen, 1839.  
**nigricornis**, Macquart. Hutton, T.N.Z.I. xxxiii. 83.

**Tetanocera**, Dumeril, 18c9.  
**rara**, Hutton. T.N.Z.I. xxxiii. 84.

**Limnia**, R. Desvoidy, 1830.  
**sigma**, Walker. Hutton. T.N.Z.I. xxxiii. 84.  
**tranquilla**, Hutton. T.N.Z.I. xxxiii. 85.  
**transmarina**, Schiner. Hutton, T.N.Z.I. xxxiii. 85.  
**obscura**, Hutton. T.N.Z.I. xxxiii. 85.

**Trigonometopus**, Macquart, 1835.  
**bipunctatus**, Hutton. T.N.Z.I. xxxiii. 86.

Family SAPROMYZIDÆ.

**Sapromyza**, Fallen, 1820.  
**dichromata**, Walker. Hutton, T.N.Z.I. xxxiii. 87.  
**sciomyzina**, Schiner. Hutton, T.N.Z.I. xxxiii. 87.  
**decora**, Schiner. Hutton, T.N.Z.I. xxxiii. 87.

**Lauxania**, Latreille, 1805.  
**bilineata**, Hutton. T.N.Z.I. xxxiii. 88.  
**carbonaria**, Hutton. T.N.Z.I. xxxiv. 173.

**Lonchæa**, Fallen, 1820.  
*aucklandica*, Hutton. T.N.Z.I. xxxiv. 173.

## Family OPOMYZIDÆ.

**Opomyza**, Fallen, 1820.  
*apicalis*, Walker. Hutton, T.N.Z.I. xxxiii. 88.

## Family PROPHILIDÆ.

**Prophila**, Fallen, 1820.  
*smithii*, Hutton. T.N.Z.I. xxxiii. 89.

## Family EPHYDRINIDÆ.

**Ephydria**, Fallen, 1813.  
*aquaria*, Hutton. T.N.Z.I. xxxiii. 90.

**Domina**, Hutton, 1901.  
*metallica*, Hutton. T.N.Z.I. xxxiii. 90.

## Family DROSOPHILIDÆ.

**Drosophila**, Fallen, 1820.  
*brouni*, Hutton. T.N.Z.I. xxxiii. 91.  
*marmorata*, Hutton. T.N.Z.I. xxxiii. 91.  
*clarkii*, Hutton. T.N.Z.I. xxxiii. 91.  
*enderbyi*, Hutton. T.N.Z.I. xxxiv. 174.

**Asteia**, Meigen, 1818.  
*levis*, Hutton. T.N.Z.I. xxxiv. 175.

## Family OSCINIDÆ.

**Oscinisa**, Latreille, 1804.  
*badia*, Hutton. T.N.Z.I. xxxiii. 92.

## Family AGROMYZIDÆ.

**Agromyza**, Fallen, 1823.  
*australensis*, Mik. Hutton, T.N.Z.I. xxxiii. 93.  
*fulvifrons*, Hutton. T.N.Z.I. xxxiii. 93.

**Milichia**, Meigen, 1830.  
*picata*, Hutton. T.N.Z.I. xxxiv. 195.  
*littorea*, Hutton. T.N.Z.I. xxxiv. 174.

**Ochthiphila**, Fallen, 1823.  
*australis*, Hutton. T.N.Z.I. xxxiv. 174.

## Family BORBORIDÆ.

**Borborus**, Meigen, 1803.  
*empiricus*, Hutton. T.N.Z.I. xxxiii. 94.

**Apterina**, Macquart, 1835.  
*trilineata*, Hutton. T.N.Z.I. xxxiii. 93.

## Series CYCLORRHAPHA ASCHIZA.

## Family SYRPHIDÆ.

**Helophilus**, Meigen, 1822.

- cingulatus*, Fabricius. Hutton, T.N.Z.I. xxxiii. 37.
- trilineatus*, Fabricius. Hutton, T.N.Z.I. xxxiii. 38.
- vicinus*, Hutton. T.N.Z.I. xxxiii. 38.
- antipodus*, Schiner. Hutton, T.N.Z.I. xxxiii. 38.
- ineptus*, Walker. Hutton, T.N.Z.I. xxxiii. 39.
- chathamensis*, Hutton. T.N.Z.I. xxxiii. 39.
- campbellicus*, Hutton. T.N.Z.I. xxxiv. 170.
- latifrons*, Schiner. Hutton, T.N.Z.I. xxxiii. 39.

**Milesia**, Latreille, 1802.

- bilineata*, Walker. Hutton, T.N.Z.I. xxxiii. 40.

**Syrphus**, Fabricius, 1775.

- novæ-zealandiæ*, Macquart. Hutton, T.N.Z.I. xxxiii. 40.
- ortas*, Walker. Hutton, T.N.Z.I. xxxiii. 41.
- ropalus*, Walker. Hutton, T.N.Z.I. xxxiii. 41.
- obesus*, Hutton. T.N.Z.I. xxxiii. 41.

**Melanostoma**, Schiner, 1860.

- fasciatum*, Macquart. Hutton, T.N.Z.I. xxxiii. 42.
- apertum*, Hutton. T.N.Z.I. xxxiii. 42.
- decessum*, Hutton. T.N.Z.I. xxxiii. 43.

## Series ORTHORRAPHA BRACHYCERA.

## Family DOLICHOPODIDÆ.

**Psilopus**, Meigen, 1824.

- mobilis*, Hutton. T.N.Z.I. xxxiii. 32.
- fuscatus*, Hutton. T.N.Z.I. xxxiii. 32.
- restrictus*, Hutton. T.N.Z.I. xxxiii. 33.
- malitiosus*, Hutton. T.N.Z.I. xxxiii. 33.
- gemmatus*, Walker. Hutton, T.N.Z.I. xxxiii. 33.

**Liancalus**, Loëw, 1857.

- vagus*, Hutton. T.N.Z.I. xxxiii. 34.

**Ostenia**, Hutton, 1901.

- robusta*, Hutton. T.N.Z.I. xxxiii. 34.

## Family EMPIDÆ.

**Empis**, Linnæus, 1767.

- hudsoni*, Hutton. T.N.Z.I. xxxiii. 30.
- smithii*, Hutton. T.N.Z.I. xxxiii. 30.
- brouni*, Hutton. T.N.Z.I. xxxiii. 30.

**Hilara**, Meigen, 1822.

- fulvipes*, Hutton. T.N.Z.I. xxxiii. 31.

**Clinocera**, Meigen, 1822.

- fumosa*, Hutton. T.N.Z.I. xxxiii. 31.

## Family CYRTIDÆ.

**Apsoma**, Westwood, 1876.  *muscaria*, Westwood. Hutton, T.N.Z.I. xxxiii. 28.**Helle**, Osten-Sacken, 1896.  *longirostris*, Hudson. Hutton, T.N.Z.I. xxxiii. 28.**Henops**, Illiger, 1806.  *brunneus*, Hutton. T.N.Z.I. xxxiii. 29.  *nitens*, Hutton. T.N.Z.I. xxxiii. 29.

## Family THEREVIDÆ.

**Anarbarhynchus**, Macquart, 1848.  *bilineatus*, Fabricius. Hutton, T.N.Z.I. xxxiii. 24.  *maori*, Hutton. T.N.Z.I. xxxiii. 25.  *innotatus*, Walker. Hutton, T.N.Z.I. xxxiii. 25.  *luridus*, Schiner. Hutton, T.N.Z.I. xxxiii. 25.  *exiguus*, Hutton. T.N.Z.I. xxxiii. 26.  *nebulosus*, Hutton. T.N.Z.I. xxxiii. 26.  *castaneus*, Hutton. T.N.Z.I. xxxiii. 26.  *micans*, Hutton. T.N.Z.I. xxxiii. 27.  *cupreus*, Hutton. T.N.Z.I. xxxiii. 27.

## Family BOMBYLIDÆ.

**Fraudator**, Hutton, 1901,  *perspicuus*, Hutton. T.N.Z.I. xxxiii. 23.

## Family ASILIDÆ.

**Saropogon**, Loëw, 1847.  *viduus*, Walker. Hutton, T.N.Z.I. xxxiii. 19.  *clarkii*, Hutton. T.N.Z.I. xxxiii. 19.  *discus*, Walker. Hutton, T.N.Z.I. xxxiii. 19.  *proximus*, Hutton. T.N.Z.I. xxxiii. 19.  *fugiens*, Hutton. T.N.Z.I. xxxiii. 20.  *antipodus*, Schiner. Hutton, T.N.Z.I. xxxiii. 20.  *hudsoni*, Hutton. T.N.Z.I. xxxiii. 20.  *chathamensis*, Hutton. T.N.Z.I. xxxiii. 20.  *extenuatus*, Hutton. T.N.Z.I. xxxiii. 21.  *fascipes*, Hutton. T.N.Z.I. xxxiv. 195.**Asilus**, Linnaeus, 1748.  *smithii*, Hutton. T.N.Z.I. xxxiii. 21.**Itamus**, Loëw, 1849.  *varius*, Walker. Hutton, T.N.Z.I. xxxiii. 22.  *bulbus*, Walker. Hutton, T.N.Z.I. xxxiii. 22.**Senoprosopis**, Macquart, 1839.  *lascus*, Walker. Hutton, T.N.Z.I. xxxiii. 22.  *meridionalis*, Hutton. T.N.Z.I. xxxiii. 23.

## Family TABANIDÆ.

**Tabanus**, Linnæus, 1735.

- impar*, Walker. Hutton, T.N.Z.I. xxxiii. 11.
- opus*, White. Hutton, T.N.Z.I. xxxiii. 12.
- sordidus*, Walker. Hutton, T.N.Z.I. xxxiii. 12.
- bratranchii*, Nowicki. Hutton, T.N.Z.I. xxxiii. 12.
- gravis*, Hutton. T.N.Z.I. xxxiii. 13.
- sarpa*, White. Hutton, T.N.Z.I. xxxiii. 13.
- viridis*, Hudson. Hutton, T.N.Z.I. xxxiii. 13.
- transversus*, Walker. Hutton, T.N.Z.I. xxxiii. 14.
- truncatus*, Walker. Ricardo, A.M.N.H. 7, viii. 297.

**Pangonia**, Latreille, 1806.

- adrel*, Walker. Hutton, T.N.Z.I. xxxiii. 15.
- lerda*, Walker. Hutton, T.N.Z.I. xxxiii. 16.
- hirticeps*, Nowicki. Hutton, T.N.Z.I. xxxiii. 16.
- ricardoi*, Hutton. T.N.Z.I. xxxiii. 16.
- montana*, Hutton. T.N.Z.I. xxxiii. 17.

**Apatolestes**, Williston, 1885.

- lутulentus*, Hutton. T.N.Z.I. xxxiii. 18.

## Family STRATIOMYIDÆ.

**Exaireta**, Schiner, 1867.

- spiniger*, Weidemann. Hutton, T.N.Z.I. xxxiii. 4.
- apicalis*, White. Hutton, T.N.Z.I. xxxiii. 4.
- straznitzkii*, Nowicki. Hutton, T.N.Z.I. xxxiii. 4.
- opposita*, Walker. Hutton, T.N.Z.I. xxxiii. 5.
- alpina*, Hutton. T.N.Z.I. xxxiii. 5.

**Beris**, Latreille, 1802.

- violacea*, Hutton. T.N.Z.I. xxxiii. 6.
- micans*, Hutton. T.N.Z.I. xxxiii. 6.
- substituta*, Walker. Hutton, T.N.Z.I. xxxiii. 6.
- cuprea*, Hutton. T.N.Z.I. xxxiii. 6.

**Odontomyia**, Latreille, 1809.

- atrovirens*, Bigot. Hutton, T.N.Z.I. xxxiii. 7.
- chloris*, Walker. Hutton, T.N.Z.I. xxxiii. 8.
- collina*, Hutton. T.N.Z.I. xxxiii. 8.
- chathamensis*, Hutton. T.N.Z.I. xxxiii. 8.
- fulviceps*, Walker. Hutton, T.N.Z.I. xxxiii. 9.
- australiensis*, Schiner. Hutton, T.N.Z.I. xxxiii. 9.
- angusta*, Walker. Hutton, T.N.Z.I. xxxiii. 9.

**Clitellaria**, Meigen, 1822.

- aberrans*, Schiner. Hutton, T.N.Z.I. xxxiii. 10.

**Cyclogaster**, Macquart, 1834.

- peregrinus*, Hutton. T.N.Z.I. xxxiii. 10.

Series ORTHORRHAPHA NEMOCERA.  
Family SIMULIDÆ.

**Simulium**, Latreille, 1802.

*australiense*, Schiner. Marshall, T.N.Z.I. xxviii. 311;  
Hudson, Man. N.Z. Ent. 53.

*vexans*, Mik. Hutton, T.N.Z.I. xxxiv. 170.

Family BIBIONIDÆ.

**Dilophus**, Meigen, 1803.

*nigrostigma*, Walker. Hutton, T.N.Z.I. xxxiv. 193;  
Hudson, Man. N.Z. Ent. 52.  
*zealandicus*, Walker. Hutton, T.N.Z.I. xxxiv. 193.  
*insolitus*, Hutton. T.N.Z.I. xxxiv. 193.  
*segnis*, Hutton. T.N.Z.I. xxxiv. 194.

**Scatopse**, Geoffroy, 1764.

*carbonaria*, Hutton. T.N.Z.I. xxxiv. 194.

Family MYCETOPHILIDÆ.

**Arctoneura**, Hutton, 1903. New name for *Cyrtoneura*, which is preoccupied.

*hudsoni*, Marshall. T.N.Z.I. xxviii. 263.

**Nervijuncta**, Marshall, 1896.

*nigrescens*, Marshall. T.N.Z.I. xxviii. 266.

**Casa**, Hutton, 1903. New name for *Huttonia*, which is preoccupied.

*tridens*, Hutton. Marshall, T.N.Z.I. xxviii. 268.

**Macroceras**, Meigen, 1803.

*montana*, Marshall. T.N.Z.I. xxviii. 270.

*howletti*, Marshall. T.N.Z.I. xxviii. 270.

*antennatis*, Marshall. T.N.Z.I. xxviii. 271.

*scoparia*, Marshall. T.N.Z.I. xxviii. 272.

**Bolitophila**, Meigen, 1818.

*luminosa*, Skuse. Marshall, T.N.Z.I. xxviii. 273; Hudson,  
Man. N.Z. Ent. 49; T.N.Z.I. xxiii. 43.

**Ceroplatys**, Meigen, 1818.

*dendyi*, Marshall. T.N.Z.I. xxviii. 275.

*hudsoni*, Marshall. T.N.Z.I. xxviii. 276.

*leucoceras*, Marshall. T.N.Z.I. xxviii. 276.

**Platyura**, Meigen, 1803.

*magna*, Marshall. T.N.Z.I. xxviii. 278.

*agricolæ*, Marshall. T.N.Z.I. xxviii. 279.

*flava*, Marshall. T.N.Z.I. xxviii. 281.

**Sciophila**, Meigen, 1818.

*fagi*, Marshall. T.N.Z.I. xxviii. 282.

*hirta*, Marshall. T.N.Z.I. xxviii. 283.

**Parvicellula**, Marshall, 1896.  
*triangula*, Marshall. T.N.Z.I. xxviii. 285.

**Tetragoneura**, Winnertz, 1846.  
*nigra*, Marshall. T.N.Z.I. xxviii. 286.

**Aneura**, Marshall, 1896.  
*boletinoides*, Marshall. T.N.Z.I. xxviii. 288.

**Cycloneura**, Marshall, 1896.  
*flava*, Marshall. T.N.Z.I. xxviii. 289.

**Paradoxa**, Marshall, 1896.  
*fusca*, Marshall. T.N.Z.I. xxviii. 290.

**Euryceras**, Marshall, 1896.  
*anaclanoides*, Marshall. T.N.Z.I. xxviii. 292.

**Anomalomyia**, Hutton, 1903. New name for *Anomala*, which  
is preoccupied.  
*guttata*, Hutton. Marshall, T.N.Z.I. xxviii. 294.  
*ninor*, Marshall. T.N.Z.I. xxviii. 295.

**Aphelomera**, Skuse, 1888.  
*skusei*, Marshall. T.N.Z.I. xxviii. 296.

**Zygomyia**, Winnertz, 1863.  
*flavicoxa*, Marshall. T.N.Z.I. xxviii. 297.  
*fusca*, Marshall. T.N.Z.I. xxviii. 298.

**Brachidicrania**, Skuse, 1888.  
*hiemalis*, Marshall. T.N.Z.I. xxviii. 300.

**Mycetophila**, Meigen, 1803.  
*antarctica*, Hudson. Man. N.Z. Ent. 46.  
*sylvatica*, Marshall. T.N.Z.I. xxviii. 301.  
*howletti*, Marshall. T.N.Z.I. xxviii. 302.  
*fagi*, Marshall. T.N.Z.I. xxviii. 303.  
*variabilis*, Marshall. T.N.Z.I. xxviii. 304.  
*robusta*, Marshall. T.N.Z.I. xxviii. 305.  
*maculata*, Marshall. T.N.Z.I. xxviii. 306.

**Brevicornu**, Marshall, 1896.  
*flava*, Marshall. T.N.Z.I. xxviii. 307.  
*fragilis*, Marshall. T.N.Z.I. xxviii. 308.

## Family SCIARIDÆ.

**Sciara**, Meigen, 1803.  
*rufescens*, Hutton. Cat. Dipt. N.Z. 13 (1881).  
*marcilla*, Hutton. T.N.Z.I. xxxiv. 192.

**Trichosia**, Winnertz, 1867.  
*remota*, Hutton. T.N.Z.I. xxxiv. 192.

## Family CECIDOMYIDÆ.

**Miastor**, Meinert, 1864.

*agricolæ*, Marshall. T.N.Z.I. xxviii. 232.  
*difficilis*, Marshall. T.N.Z.I. xxviii. 233.

**Cecidomyia**, Meigen, 1803.

*oleariæ*, Maskell. T.N.Z.I. xxi. 257.

**Diplosis**, Loëw, 1850.

*dubia*, Marshall. T.N.Z.I. xxviii. 235.  
*difficilis*, Marshall. T.N.Z.I. xxviii. 235.  
*melana*, Marshall. T.N.Z.I. xxviii. 236.  
*minuta*, Marshall. T.N.Z.I. xxviii. 236.  
*fragilis*, Marshall. T.N.Z.I. xxviii. 237.  
*hirta*, Marshall. T.N.Z.I. xxviii. 237.  
*scoparia*, Marshall. T.N.Z.I. xxviii. 238.  
*wanganuiensis*, Marshall. T.N.Z.I. xxviii. 238.  
*flava*, Marshall. T.N.Z.I. xxviii. 239.

**Epidosis**, Loëw, 1850.

*magna*, Marshall. T.N.Z.I. xxviii. 239.  
*agricolæ*, Marshall. T.N.Z.I. xxviii. 240.  
*ordinaria*, Marshall. T.N.Z.I. xxviii. 241.  
*aurea*, Marshall. T.N.Z.I. xxviii. 241.

**Campylomyza**, Meigen, 1803.

*tenuis*, Marshall. T.N.Z.I. xxviii. 242.  
*lincolnensis*, Marshall. T.N.Z.I. xxviii. 243.  
*minuta*, Marshall. T.N.Z.I. xxviii. 243.  
*nitida*, Marshall. T.N.Z.I. xxviii. 244.  
*hirta*, Marshall. T.N.Z.I. xxviii. 244.  
*squamata*, Marshall. T.N.Z.I. xxviii. 245.  
*magna*, Marshall. T.N.Z.I. xxviii. 245.  
*robusta*, Marshall. T.N.Z.I. xxviii. 246.  
*ordinaria*, Marshall. T.N.Z.I. xxviii. 247.

**Lestremia**, Macquart, 1827.

*novæ-zealandiæ*, Marshall. T.N.Z.I. xxviii. 247.

## Family RHYPHIDÆ.

**Rhyphus**, Latreille, 1804.

*neozealandicus*, Schiner. Hutton, Cat. Dipt. N.Z. 10 (1881).  
*notatus*, Hutton. T.N.Z.I. xxxiv. 191.

## Family TIPULIDÆ.

**Dolichopeza**, Curtis, 1825.

*atropos*, Hutton. T.N.Z.I. xxxii. 24.

**Pachyrhina**, Macquart, 1834.

*hudsoni*, Hutton. T.N.Z.I. xxxii. 24.

**Tipula**, Linnæus, 1740.

- novaræ*, Schiner. Hutton, T.N.Z.I. xxxii. 26.
- fulva*, Hutton. T.N.Z.I. xxxii. 26.
- viridis*, Walker. Hutton, T.N.Z.I. xxxii. 27.
- obscuripennis*, White. Hutton, T.N.Z.I. xxxii. 27.
- dux*, White. Hutton, T.N.Z.I. xxxii. 28.
- orion*, Hudson. Hutton, T.N.Z.I. xxxii. 28.
- clara*, White. Hutton, T.N.Z.I. xxxii. 29.
- tenera*, Hutton. T.N.Z.I. xxxii. 29.

**Macromastix**, Osten-Sacken, 1886.

- vulpina*, Hutton. T.N.Z.I. xxxii. 30.
- fucata*, Hutton. T.N.Z.I. xxxii. 31.
- pallida*, Hutton. T.N.Z.I. xxxii. 31.
- montana*, Hutton. T.N.Z.I. xxxii. 31.
- lunata*, Hutton. T.N.Z.I. xxxii. 32.
- binotata*, Hutton. T.N.Z.I. xxxii. 32.

**Dicranomyia**, Stephens, 1829.

- monilicornis*, Osten-Sacken. Hutton, T.N.Z.I. xxxii. 34.
- insularis*, Mik. Hutton, T.N.Z.I. xxxii. 50.
- kronii*, Mik. Hutton, T.N.Z.I. xxxii. 50.
- vicarians*, Walker. Hutton, T.N.Z.I. xxxii. 33.
- fasciata*, Hutton. T.N.Z.I. xxxii. 34.
- nigrescens*, Hutton. T.N.Z.I. xxxii. 34.

**Geranomyia**, Haliday, 1833.

- annulipes*, Hutton. T.N.Z.I. xxxii. 35.

**Limnobia**, Meigen, 1818.

- fumipennis*, White. Hutton, T.N.Z.I. xxxii. 35.
- conveniens*, Walker. Hutton, T.N.Z.I. xxxii. 36.

**Trochobola**, Osten-Sacken, 1868.

- variegata*, Hutton. T.N.Z.I. xxxii. 36.
- picta*, Hutton. T.N.Z.I. xxxii. 37.
- dohrni*, Osten-Sacken. Hutton, T.N.Z.I. xxxiv. 189.
- venusta*, Osten-Sacken. Hutton, T.N.Z.I. xxxiv. 190.

**Rhamphidia**, Meigen, 1830.

- levis*, Hutton. T.N.Z.I. xxxii. 38.

**Rhypolopus**, Kolenati, 1860.

- insulsus*, Hutton. T.N.Z.I. xxxiv. 188.
- fatuus*, Hutton. T.N.Z.I. xxxiv. 188.

**Opifex**, Hutton, 1902.

- fuscus*, Hutton. T.N.Z.I. xxxiv. 188.

**Gnophomyia**, Osten-Sacken, 1859.

- rufa*, Hudson. Hutton, T.N.Z.I. xxxii. 39.

**Trichocera**, Meigen, 1803.

- antipodum*, Mik. Hutton, T.N.Z.I. xxxii. 50.

**Limnophila**, Macquart, 1834.

- sinistra*, Hutton. T.N.Z.I. xxxii. 40.
- argus*, Hutton. T.N.Z.I. xxxii. 41.
- crassipes*, Hutton. T.N.Z.I. xxxii. 41.
- denticulata*, Hutton. T.N.Z.I. xxxii. 42.
- marshalli*, Hutton. T.N.Z.I. xxxii. 42.
- umbrosa*, Hutton. T.N.Z.I. xxxii. 43.
- geographica*, Hutton. T.N.Z.I. xxxii. 43.
- bryobia*, Mik. Hutton, T.N.Z.I. xxxii. 50.
- skusei*, Hutton. T.N.Z.I. xxxiv. 190.

**Tinemya**, Hutton, 1900.

- margaritifera*, Hutton. T.N.Z.I. xxxii. 44.

**Gynoplistia**, Westwood, 1835.

- subfasciata*, Walker. Hutton, T.N.Z.I. xxxii. 45.
- wakefieldi*, Westwood. Hutton, T.N.Z.I. xxxii. 45.
- cuprea*, Hudson. Hutton, T.N.Z.I. xxxii. 46.
- formosa*, Hutton. T.N.Z.I. xxxii. 46.
- fulgens*, Hutton. T.N.Z.I. xxxii. 47.

**Cerozodia**, Westwood, 1835.

- plumosa*, Osten-Sacken. Hutton, T.N.Z.I. xxxii. 47.

**Tanyderus**, Philippi, 1865.

- annuliferus*, Hutton. T.N.Z.I. xxxii. 48.
- forcipatus*, Osten-Sacken. Hutton, T.N.Z.I. xxxii. 49.

#### Family CHIRONOMIDÆ.

**Ceratopogon**, Meigen, 1803.

- antipodum*, Hudson. Man. N.Z. Ent. 45.

**Chironomus**, Meigen, 1801.

- zealandicus*, Hudson. Hutton, T.N.Z.I. xxxiv. 181.
- lentus*, Hutton. T.N.Z.I. xxxiv. 182.
- optimus*, Hutton. T.N.Z.I. xxxiv. 182.
- pavidus*, Hutton. T.N.Z.I. xxxiv. 183.
- ignavus*, Hutton. T.N.Z.I. xxxiv. 183.

**Orthocladius**, Van der Wulp, 1874.

- publicus*, Hutton. T.N.Z.I. xxxiv. 184.
- cingulatus*, Hutton. T.N.Z.I. xxxiv. 184.

**Camptocladius**, Van der Wulp, 1874.

- vernus*, Hutton. T.N.Z.I. xxxiv. 185.

**Tanytarsus**, Van der Wulp, 1874.

- vespertinus*, Hutton. T.N.Z.I. xxxiv. 185.

**Tanypus**, Meigen, 1803.

- languidus*, Hutton. T.N.Z.I. xxxiv. 186.
- debilis*, Hutton. T.N.Z.I. xxxiv. 186.
- malus*, Hutton. T.N.Z.I. xxxiv. 187.

## Family CULICIDÆ.

**Culex**, Linnæus, 1835.*albirostris*, Macquart. Theobald, Mon. Culicidæ B.M. i.  
382.*pervigilans*, Bergroth. Theobald, Mon. Culicidæ B.M. ii. 88.**Tæniorhynchus**, Arribalzaga, 1899.*acer*, Walker. Theobald, Mon. Culicidæ B.M. ii. 211.*iracundus*, Walker. Theobald, Mon. Culicidæ B.M. ii. 47.**Uranotænia**, Arribalzaga, 1899.*argyropus*, Walker. Theobald, Mon. Culicidæ B.M. ii. 264.**Corethra**, Meigen, 1808.*antarctica*, Hudson. Man. N.Z. Ent. 43; Theobald, Mon. Culicidæ B.M. ii. 301.

## Family PSYCHODIDÆ.

**Psychoda**, Latreille, 1796.*conspicillata*, Hutton. Cat. Dipt. N.Z. 13 (1881).**Pericomia**, Walker, 1856.*funebris*, Hutton. T.N.Z.I. xxxiv. 180.*variegata*, Hutton. T.N.Z.I. xxxiv. 180.

## Series PUPIPARA.

## Family HIPPOBOSCIDÆ.

**Ornithomyia**, Latreille, 1802.*opposita*, Walker. Hutton, Cat. Dipt. N.Z. 70.

## Series APHANIPTERA.

## Family PULICIDÆ.

**Pulex**, Linnæus, 1735.*kerguelensis*, Rothschild. Nov. Zool. ii. 66 (1895).

## Order COLEOPTERA.

## Series LAMELLICORNIA.

## Family LUCANIDÆ.

**Lissotes**, Westwood, 1855.*reticulatus*, Westwood. Man. N.Z. Coleop. 255, No. 450.*rufipes*, Sharp. Man. N.Z. Coleop. 1109, No. 1967.*elegans*, Broun. Man. N.Z. Coleop. 1110, No. 1968.*squamidorsis*, White. Man. N.Z. Coleop. 251, No. 442.*punctulatus*, White. Man. N.Z. Coleop. 251, No. 443.*planus*, Broun. Man. N.Z. Coleop. 252, No. 444.*stewarti*, Broun. Man. N.Z. Coleop. 673, No. 1174.*capito*, Deyrolle. T.E.S. 1873, 339.*abditus*, Broun. Man. N.Z. Coleop. 673, No. 1175.*demaresti*, Deyrolle. Ann. Soc. Ent. France, 1881, 239.*helmsi*, Sharp. Man. N.Z. Coleop. 770, No. 1365.

**Lissotes ithaginis**, Broun. Man. N.Z. Coleop. 1108, No. 1966.

**æmulus**, Broun. Man. N.Z. Coleop. 1109, No. 2322.

**acmenus**, Lewis. T.N.Z.I. vol. xxxiv. 203.

**menalcas**, Westwood. N.Z. Jour. Sci. ii. 221.

**Ceratognathus**, Westwood, 1838.

**helotooides**, Thomson. Man. N.Z. Coleop. 254, No. 449.

**alboguttatus**, Bates. Man. N.Z. Coleop. 253, No. 447.

**dispar**, Sharp. Man. N.Z. Coleop. 1111, No. 1969.

**Mitophyllus**, Parry, 1845.

**irroratus**, Parry. Man. N.Z. Coleop. 253, No. 445.

**parryanus**, Hope. Man. N.Z. Coleop. 253, No. 446.

**marmoratus**, Watson. Ent. Mo. Mag. xi. 8.

**foveolatus**, Broun. Man. N.Z. Coleop. 253, No. 448.

**macrocerus**, Broun. Man. N.Z. Coleop. 837, No. 1488.

**gibbosus**, Broun. Man. N.Z. Coleop. 928, No. 1666.

**tuberculatus**, Broun. Man. N.Z. Coleop. 1111, No. 1970.

**cylindricus**, Broun. A.M.N.H. 6, xv. 199.

**angusticeps**, Broun. A.M.N.H. 6, xv. 199.

**fusculus**, Broun. Man. N.Z. Coleop. 837, No. 1489.

**Dendroblax**, White, 1836.

**earlianus**, White. Man. N.Z. Coleop. 251, No. 441.

#### Family COPRIDÆ.

**Saphobius**, Sharp, 1873.

**edwardsi**, Sharp. Man. N.Z. Coleop. 256, No. 451.

**wakefieldi**, Sharp. Man. N.Z. Coleop. 256, No. 452.

**nitidulus**, Broun. Man. N.Z. Coleop. 256, No. 453.

**squamulosus**, Broun. Man. N.Z. Coleop. 954, No. 1720.

**inflatipes**, Broun. Man. N.Z. Coleop. 1112, No. 1971.

**fuscus**, Broun. Man. N.Z. Coleop. 1113, No. 1972.

**setosus**, Sharp. Man. N.Z. Coleop. 1113, No. 1973.

**fulvipes**, Broun. Man. N.Z. Coleop. 1114, No. 1974.

**curvipes**, Broun. Man. N.Z. Coleop. 1349, No. 2365.

**tibialis**, Broun. A.M.N.H. 6, xv. 198.

#### Family APHODIIDÆ.

**Aphodius**, Illiger, 1798.

**exsculptus**, White. Man. N.Z. Coleop. 258, No. 454.

**candens**, Broun. Man. N.Z. Coleop. 258, No. 455.

**suspectus**, Sharp. Man. N.Z. Coleop. 259, No. 456.

**pascoei**, Sharp. Man. N.Z. Coleop. 259, No. 457.

**communis**, Broun. Man. N.Z. Coleop. 260, No. 458.

**brouni**, Sharp. Man. N.Z. Coleop. 260, No. 459.

**fortipes**, Broun. Man. N.Z. Coleop. 954, No. 1721.

**distans**, Sharp.

**Phycochus**,, Broun, 1886.

*graniceps*, Broun. Man. N.Z. Coleop. 771, No. 1366.  
  *lobatus*, Broun. Man. N.Z. Coleop. 1114, No. 1975.

Family MELOLONTIDÆ.

**Stethaspis**, Hope, 1837.

*suturalis*, Hope. Man. N.Z. Coleop. 261, No. 460.  
  *prasinus*, Broun. Man. N.Z. Coleop. 1115, No. 1976.

**Costleya**, Broun, 1886.

*discoidea*, Broun. Man. N.Z. Coleop. 1116, No. 1977.

**Pœcilocidus**, Broun, 1895.

*pulcher*, Broun. A.M.N.H. 6, xv. 202.

**Scythrodes**, Broun, 1886.

*squalidus*, Broun. Man. N.Z. Coleop. 955, No. 1722.

**Xylostygnum**, Broun, 1886.

*piceus*, Broun. Man. N.Z. Coleop. 956, No. 1723.

**Psilodontria**, Broun, 1895.

*viridescens*, Broun. A.M.N.H. 6, xv. 201.

**Pyronota**, Hope, 1837.

*festiva*, Fabricius. Man. N.Z. Coleop. 262, No. 461.

*læta*, Fabricius.

*edwardsi*, Sharp. Man. N.Z. Coleop. 263, No. 462.

*sobrina*, Sharp. Man. N.Z. Coleop. 263, No. 463.

*munda*, Sharp. Man. N.Z. Coleop. 264, No. 464.

*electa*, Broun. Man. N.Z. Coleop. 1116, No. 1978.

*regalis*, Broun. Man. N.Z. Coleop. 1116, No. 1979.

*dives*, Broun. Man. N.Z. Coleop. 1117, No. 1980.

*aurata*, Broun. Man. N.Z. Coleop. 1117, No. 1981.

*purpurata*, Broun. Man. N.Z. Coleop. 1117, No. 1982.

*cærulea*, Broun. Man. N.Z. Coleop. 1117, No. 1983.

*lugubris*, Sharp. Man. N.Z. Coleop. 1118, No. 1984.

*pallida*, Broun. Man. N.Z. Coleop. 1118, No. 1985.

**Heteronyx**, Guerin-Meneville, 1830.

*pumilus*, Sharp. Man. N.Z. Coleop. 264, No. 465.

**Eusoma**, White, 1846.

*rossii*, White. Man. N.Z. Coleop. 268, No. 472.

*costella*, Broun. Man. N.Z. Coleop. 269, No. 473.

**Sericospilus**, Sharp, 1882.

*advena*, Sharp. Man. N.Z. Coleop. 1119, No. 1987.

**Odontria**, White, 1846.

*striata*, White. Man. N.Z. Coleop. 265, No. 466.

*suavis*, Broun. Man. N.Z. Coleop. 266, No. 467.

**Odontria punctulata**, Broun. Man. N.Z. Coleop. 266, No. 468.

- cinnamomea*, White. Man. N.Z. Coleop. 267, No. 469.
- xanthosticta*, White. Man. N.Z. Coleop. 267, No. 470.
- sandageri*, Broun. Man. N.Z. Coleop. 929, No. 1667.
- albonotata*, Broun. Man. N.Z. Coleop. 1118, No. 1986.
- smithii*, Broun. Man. N.Z. Coleop. 1450, No. 2514.
- piciceps*, Broun. Man. N.Z. Coleop. 1450, No. 2515.
- occipitalis*, Broun. Man. N.Z. Coleop. 1451, No. 2516.
- marmorata*, Broun. Man. N.Z. Coleop. 1451, No. 2517.
- fusca*, Broun. Man. N.Z. Coleop. 1452, No. 2518.
- glabrata*, Broun. Man. N.Z. Coleop. 1452, No. 2519.
- obscura*, Broun. A.M.N.H. 6, xv. 203.
- zealandica*, White. Man. N.Z. Coleop. 270, No. 474.
- brunnea*, Broun. Man. N.Z. Coleop. 270, No. 475.
- sylvatica*, Broun. Man. N.Z. Coleop. 268, No. 471.

#### Family DYNASTIDÆ.

**Pericoptus**, Burmeister, 1847.

- truncatus*, Fabricius. Man. N.Z. Coleop. 271, No. 476.
- punctatus*, White. Man. N.Z. Coleop. 272, No. 477.
- stupidus*, Sharp. Man. N.Z. Coleop. 272, No. 478.
- nitidulus*, Broun. Man. N.Z. Coleop. 273, No. 479.

#### Series ADEPHAGA.

#### Family CICINDELIDÆ.

**Cicindela**, Linnæus, 1735.

- tuberculata*, Fabricius. Man. N.Z. Coleop. 2, No. 1.
- huttoni*, Broun. Man. N.Z. Coleop. 2, No. 2.
- laticincta*, White. Man. N.Z. Coleop. 3, No. 3.
- wakefieldi*, Bates. Man. N.Z. Coleop. 3, No. 4.
- douei*, Chenu. Man. N.Z. Coleop. 3, No. 5.
- parryi*, White. Man. N.Z. Coleop. 4, No. 6.
- dunedinensis*, Castelnau. Man. N.Z. Coleop. 4, No. 7.
- feredayi*, Bates. Man. N.Z. Coleop. 4, No. 8.
- austromontana*, Bates. Man. N.Z. Coleop. 5, No. 10.
- perhispida*, Broun. Man. N.Z. Coleop. 4, No. 9.
- campbelli*, Broun. Man. N.Z. Coleop. 817. No. 1451.
- helmsi*, Sharp. Man. N.Z. Coleop. 975, No. 1757.
- incognita*, Horn. Deutsche Ent. Zeit. 1892, 82.
- novaseelandica*, Horn. Deutsche Ent. Zeit. 1892, 83.
- circumpictoides*, Horn. Deutsche Ent. Zeit. 1900, 207.

#### Family CARABIDÆ.

#### Sub-family MIGADOPINÆ.

**Amarotypus**, Bates, 1872.

- edwardsi*, Bates. Man. N.Z. Coleop. 6, No. 11.

## Sub-family SCARILINÆ.

**Clivina**, Latreille, 1810.**rugithorax**, Putzeys. Man. N.Z. Coleop. 7, No. 12.

## Sub-family CNEMACANTHINÆ.

**Mecodema**, Blanchard, 1853.

**sculpturatum**, Blanchard. Man. N.Z. Coleop. 8, No. 13.  
**howittii**, Castelnau. Man. N.Z. Coleop. 8, No. 14.  
**rectolineatum**, Castelnau. Man. N.Z. Coleop. 8, No. 15.  
**impressum**, Castelnau. Man. N.Z. Coleop. 9, No. 16.  
**lucidum**, Castelnau. Man. N.Z. Coleop. 9, No. 17.  
**crenicolle**, Castelnau. Man. N.Z. Coleop. 9, No. 18.  
**simplex**, Castelnau. Man. N.Z. Coleop. 9, No. 19.  
**alternans**, Castelnau. Man. N.Z. Coleop. 10, No. 20.  
**crenaticolle**, Redtenbacher. Man. N.Z. Coleop. 10, No. 21.  
**spinifer**, Broun. Man. N.Z. Coleop. 10, No. 22.  
**fulgidum**, Broun. Man. N.Z. Coleop. 653, No. 1142.  
**constrictum**, Broun. Man. N.Z. Coleop. 653, No. 1143.  
**rugicolle**, Broun. Man. N.Z. Coleop. 745, No. 1322.  
**venator**, Broun. Man. N.Z. Coleop. 817, No. 1452.  
**litoreum**, Broun. Man. N.Z. Coleop. 875, No. 1557a.  
**ducale**, Sharp. Man. N.Z. Coleop. 976, No. 1758.  
**rugiceps**, Sharp. Man. N.Z. Coleop. 976, No. 1759;  
 N.Z.J.S. i. 215.  
**metallicum**, Sharp. Man. N.Z. Coleop. 977, No. 1760.  
**suteri**, Broun. Man. N.Z. Coleop. 977, No. 1761.  
**scitulum**, Broun. A.M.N.H. 6, xiv. 302.  
**lineatum**, Broun. A.M.N.H. 6, xiv. 303.  
**punctifer**, Broun. Man. N.Z. Coleop. 745, No. 1323.  
**aeneoniger**, Broun. Man. N.Z. Coleop. 818, No. 1453.  
**bullatum**, Lewis. T.N.Z.I. xxxiv. 202.  
**infimate**, Lewis. T.N.Z.I. xxxiv. 202.

**Metaglymma**, Bates, 1867.

**tibiale**, Castlenau. Man. N.Z. Coleop. 11, No. 23.  
**monilifer**, Bates. Man. N.Z. Coleop. 11, No. 24.  
**punctatum**, Putzeys. Man. N.Z. Coleop. 11, No. 25.  
**morio**, Castelnau. Man. N.Z. Coleop. 11, No. 26.  
**elongatum**, Castelnau. Man. N.Z. Coleop. 12, No. 27.  
**aberrans**, Putzeys. Man. N.Z. Coleop. 12, No. 28.  
**dyschiriooides**, Castelnau. Man. N.Z. Coleop. 12, No. 30.  
**oblongum**, Broun. Man. N.Z. Coleop. 746, No. 1324.  
**asperum**, Broun. Man. N.Z. Coleop. 978, No. 1762.  
**junctum**, Broun. Man. N.Z. Coleop. 979, No. 1763.  
**sulcatum**, Sharp. Man. N.Z. Coleop. 979, 1764.  
**tersatum**, Broun. Man. N.Z. Coleop. 980, No. 1765.  
**rugipenne**, Broun. Man. N.Z. Coleop. 1321, No. 2323.  
**thoracicum**, Broun. Man. N.Z. Coleop. 1322, No. 2324.

**Metaglymma modicum**, Broun. A.M.N.H. 6, xiv. 305.

**oregoide**, Broun. A.M.N.H. 6, xiv. 305.

**rufipes**, Broun. Man. N.Z. Coleop. 876, No. 1558.

**Oregus**, Putzeys, 1868.

**aereus**, White. Man. N.Z. Coleop. 13, No. 31.

**inæqualis**, Castelnau. Man. N.Z. Coleop. 13, No. 32.

**Brullea**, Castelnau, 1867.

**antarctica**, Castelnau. Man. N.Z. Coleop. 14, No. 33.

**Diglymma**, Sharp, 1886.

**ovipenne**, Sharp. Man. N.Z. Coleop. 981, No. 1766.

**dubium**, Sharp. Man. N.Z. Coleop. 981, No. 1767.

**punctipenne**, Broun. Man. N.Z. Coleop. 982, No. 1768.

**nigripes**, Broun. Man. N.Z. Coleop. 982, No. 1769.

**obtusum**, Broun. Man. N.Z. Coleop. 819, No. 1454.

**clivinoides**, Castelnau. Man. N.Z. Coleop. 12, No. 29.

**Acallistus**, Sharp, 1886.

**simplex**, Sharp. Man. N.Z. Coleop. 983, No. 1770.

#### Sub-family LICININÆ.

**Rembus**, Latreille, 1822.

**zeelandicus**, Redtenbacher. Man. N.Z. Coleop. 15, No. 34.

**Physolæsthus**, Chaudoir, 1850.

**insularis**, Bates. Man. N.Z. Coleop. 15, No. 35.

**limbatus**, Bates. Man. N.Z. Coleop. 17, No. 39.

#### Sub-family ANCHOMENINÆ.

**Dichrochile**, Guérin, 1846.

**subopaca**, Bates. Man. N.Z. Coleop. 16, No. 36.

**aterrima**, Bates. Man. N.Z. Coleop. 16, No. 37.

**ovicollis**, Motschulsky. Man. N.Z. Coleop. 16, No. 38.

**maura**, Broun. Man. N.Z. Coleop. 18, No. 40.

**nitida**, Broun. Man. N.Z. Coleop. 746, No. 1325.

**cinctiger**, Broun. Man. N.Z. Coleop. 747, No. 1326.

**cephalotes**, Broun. A.M.N.H. 6, xiv. 306.

**fabrei**, Guérin. Ann. Fr. 1846, Bull. 103.

**anthracina**, Broun. A.M.N.H. 6, xii. 161.

**Calathus**, Bonelli, 1809.

**rubromarginatus**, Blanchard. Voy. Pole Sud, Zool. iv. 624.

**Anchomenus**, Bonelli, 1809.

**novæ-zealandiæ**, Fairmaire. Ann. Soc. Ent. 1843.

**elevatus**, White. Man. N.Z. Coleop. 21, No. 45; N.Z.J.S. ii. 297.

**montivagus**, Broun. Man. N.Z. Coleop. 22, No. 46.

**feredayi**, Bates. Man. N.Z. Coleop. 23, No. 48.

**lawsoni**, Bates. Man. N.Z. Coleop. 23, No. 49.

**Anchomenus submetallicus**, White. Man. N.Z. Coleop. 24, No. 50.

**deplanatus**, White. Man. N.Z. Coleop. 25, No. 53.

**colensonis**, White. Man. N.Z. Coleop. 25, No. 55.

**otagoensis**, Bates. Man. N.Z. Coleop. 25, No. 54; N.Z.J.S. ii. 298.

**edwardsi**, Bates. Man. N.Z. Coleop. 26, No. 56.

**sulcitarsis**, Broun. Man. N.Z. Coleop. 27, No. 58.

**helmsi**, Sharp. Man. N.Z. Coleop. 749, No. 1328.

**haasti**, Broun. Man. N.Z. Coleop. 747, No. 1327.

**sandageri**, Broun. Man. N.Z. Coleop. 748, No. 46a.

**oreobius**, Broun. Man. N.Z. Coleop. 876, No. 1559.

**atratus**, Blanchard. Voy. Pole Sud, iv. 21.

**raptor**, Redtenbacher. Reise Novara, Coleop. 18.

**marginellus**, Erichson. Archives, 1842, 130.

**Ctenognathus**, Fairmaire, 1843.

**latipennis**, Sharp. Man. N.Z. Coleop. 984, No. 45.

**parabilis**, Broun. Man. N.Z. Coleop. 20, No. 43.

**politulus**, Broun. Man. N.Z. Coleop. 20, No. 46.

**batesi**, Broun. Man. N.Z. Coleop. 20, No. 44.

**deformipes**, Broun. Man. N.Z. Coleop. 20, No. 42.

**cheesemani**, Broun. Man. N.Z. Coleop. 20, No. 57.

**suborbithorax**, Broun. Man. N.Z. Coleop. 20, No. 51.

**perrugithorax**, Broun. Man. N.Z. Coleop. 20, No. 52.

**lucifugus**, Broun. Man. N.Z. Coleop. 20, No. 1455.

**adamsi**, Broun. Man. N.Z. Coleop. 20, No. 1686.

**pictonensis**, Sharp. Man. N.Z. Coleop. 985, No. 1772.

**bidens**, Chaudoir. Ann. Soc. Ent. Fr. 1875, 303.

**munroi**, Broun. Man. N.Z. Coleop. 984, No. 1771.

**actochares**, Broun. A.M.N.H. 6, xiv. 307.

**novæ-zealandiæ**, Fairmaire. Ann. Soc. Ent. Fr. 1843, 12.

**neozealandicus**, Chaudoir. Ann. Soc. Ent. Fr. 1875, 294.

**crenatus**, Chaudoir. Ann. Soc. Ent. Fr. 1875, 304.

**cardiophorus**, Chaudoir. Ann. Soc. Ent. Fr. 1875, 305.

**macropterus**, Chaudoir. Ann. Soc. Ent. Fr. 1875, 370.

**Heterodactylus**, Guérin, 1841.

**nebrioides**, Guérin. Rev. Zool. 1841.

**castaneus**, Blanchard. Voy. Pol. Sud, Zool. iv. 23.

**Pristançylus**, Blanchard, 1853.

**brevis**, Blanchard. Voy. Pole Sud, Zool. iv. 23.

**Drimostoma**, Dejean, 1831.

**antarctica**, Castelnau. Man. N.Z. Coleop. 30, No. 63.

#### Sub-family FERONINÆ.

**Prosopogmus**, Chaudoir, 1865.

**impressifrons**, Chaudoir. Man. N.Z. Coleop. 30, No. 64.

**Trichosternus**, Chaudoir, 1865.

**antarcticus**, Chaudoir. Man. N.Z. Coleop. 31, No. 65.  
**guerinii**, Chaudoir. Man. N.Z. Coleop. 32, No. 66.  
**capito**, White. Man. N.Z. Coleop. 32, No. 67.  
**sylvius**, Bates. Man. N.Z. Coleop. 35, No. 72.  
**aucklandicus**, Broun. Man. N.Z. 33, No. 68.  
**difformipes**, Bates. Man. N.Z. Coleop. 33, No. 69.  
**lobipes**, Bates. Man. N.Z. Coleop. 34, No. 70.  
**temukensis**, Bates. Man. N.Z. Coleop. 34, No. 71.  
**rectangulus**, Chaudoir. Man. N.Z. Coleop. 35, No. 73.  
**planiusculus**, White. Man. N.Z. Coleop. 36, No. 75.  
**humeralis**, Broun. Man. N.Z. Coleop. 750, No. 1332.  
**enysi**, Broun. Man. N.Z. Coleop. 752, No. 1334.  
**cephalotes**, Broun. Man. N.Z. Coleop. 825, No. 1466.  
**alternus**, Broun. Man. N.Z. Coleop. 877, No. 1560.  
**urquharti**, Broun. Man. N.Z. Coleop. 877, No. 1561.  
**virens**, Broun. Man. N.Z. Coleop. 937, No. 1687.  
**compressus**, Sharp. Man. N.Z. Coleop. 987, No. 1774.  
**polychætus**, Broun. Man. N.Z. Coleop. 987, No. 1775.  
**smithii**, Broun. Man. N.Z. Coleop. 1322, No. 2325.  
**hampdenensis**, Broun. Man. N.Z. Coleop. 1323, No. 2326.  
**crassalis**, Broun. Man. N.Z. Coleop. 1395, No. 2434.

**Zeopœcius**, Sharp, 1886.

**calcaratus**, Sharp. Man. N.Z. Coleop. 989, No. 1778.  
**achilles**, Sharp. Man. N.Z. Coleop. 990, No. 1779.  
**putus**, Broun. Man. N.Z. Coleop. 750, No. 1330.  
**opulentus**, Broun. Man. N.Z. Coleop. 820, No. 1457.

**Pterostichus**, Bonelli, 1809.

*Species like Trichosternus, but without prosternal setæ:—*

**fultoni**, Broun. Man. N.Z. Coleop. 751, No. 1333.  
**waihorensis**, Broun. Man. N.Z. Coleop. 821, No. 1458.  
**monticola**, Broun. Man. N.Z. Coleop. 821, No. 1459.  
**æruginosus**, Broun. Man. N.Z. Coleop. 822, No. 1460.  
**asperatus**, Broun. Man. N.Z. Coleop. 822, No. 1461.  
**chloris**, Broun. Man. N.Z. Coleop. 823, No. 1462.  
**grassator**, Broun. Man. N.Z. Coleop. 823, No. 1463.  
**amicus**, Broun. Man. N.Z. Coleop. 824, No. 1464.  
**fusulus**, Broun. Man. N.Z. Coleop. 824, No. 1465.  
**curvipes**, Broun. Man. N.Z. Coleop. 878, No. 1562.  
**optabilis**, Broun. Man. N.Z. Coleop. 913, No. 1634.  
**meritus**, Broun. Man. N.Z. Coleop. 914, No. 1635.  
**angulatus**, Broun. Man. N.Z. Coleop. 914, No. 1636.  
**meliusculus**, Broun. Man. N.Z. Coleop. 915, No. 1637.  
**agriolis**, Broun. Man. N.Z. Coleop. 915, No. 1638.  
**erraticus**, Broun. Man. N.Z. Coleop. 915, No. 1639.  
**deceptor**, Broun. Man. N.Z. Coleop. 916, No. 1640.

**Pterostichus curtulus**, Broun. Man. N.Z. Coleop. 916, No. 1641.

- suspicax**, Broun. Man. N.Z. Coleop. 917, No. 1642.
- amplicollis**, Broun. Man. N.Z. Coleop. 918, No. 1643.
- sandageri**, Broun. Man. N.Z. Coleop. 988, No. 1776.
- haplopus**, Broun. Man. N.Z. Coleop. 1323, No. 2327.
- vagans**, Broun. Man. N.Z. Coleop. 825, No. 1467.
- arduus**, Broun. Man. N.Z. Coleop. 1395, No. 2435.
- dentiferus**, Broun. Man. N.Z. Coleop. 36, No. 76.

**Holcaspis**, Chaudoir, 1843.

*Thorax with two setæ on each side :—*

- prolixus**, Broun. Man. N.Z. Coleop. 35, No. 74.
- integratus**, Bates. Man. N.Z. Coleop. 40, No. 83.
- cavelli**, Broun. Man. N.Z. Coleop. 991, No. 1780.
- procerulus**, Broun. Man. N.Z. Coleop. 827, No. 1471.
- ovatellus**, Chaudoir. Man. N.Z. Coleop. 39, No. 82.
- placidulus**, Broun. Man. N.Z. Coleop. 658, No. 1150.
- impiger**, Broun. Man. N.Z. Coleop. 879, No. 1563.
- mordax**, Broun. Man. N.Z. Coleop. 938, No. 1688.
- longiformis**, Sharp. Man. N.Z. Coleop. 991, No. 1781.
- sternalis**, Broun. Man. N.Z. Coleop. 658, No. 1149.
- oscillator**, Sharp. Man. N.Z. Coleop. 995, No. 1786.
- perfidiosus**, Broun. Man. N.Z. Coleop. 995, No. 1787.
- hunuensis**, Broun. Man. N.Z. Coleop. 996, No. 1788.
- maorinus**, Bates. Man. N.Z. Coleop. 41, No. 88.
- disparalis**, Broun. Man. N.Z. Coleop. 1324, No. 2328.
- edax**, Broun. Man. N.Z. Coleop. 1326, No. 2332.
- arduus**, Broun. Man. N.Z. Coleop. 1395, No. 2435.
- scitipennis**, Broun. Man. N.Z. Coleop. 1396, No. 2436.
- sharpianus**, Broun. A.M.H.N. 6, xii. 163.

*Thorax with three setæ on each side :—*

- elongellus**, White.

*Thorax with four setæ on each side :—*

- hispidulus**, Broun. Man. N.Z. Coleop. 40, No. 84.
- cribralis**, Broun. Man. N.Z. Coleop. 752, No. 1335.
- myrmidon**, Sharp. Man. N.Z. Coleop. 993, No. 1783.
- hybridus**, Broun. Man. N.Z. Coleop. 826, No. 1469.
- præcox**, Broun. Man. N.Z. Coleop. 827, No. 1470.
- brounianus**, Sharp. Man. N.Z. Coleop. 992, No. 1782.
- constrictellus**, Sharp. Man. N.Z. Coleop. 994, No. 1784.
- detractus**, Broun. Man. N.Z. Coleop. 996, No. 1789.
- subæneus**, Guérin. Man. N.Z. Coleop. 38, No. 79.
- œdicinemus**, Bates. Man. N.Z. Coleop. 39, No. 80.
- pastoricius**, Broun. Man. N.Z. Coleop. 994, No. 1785.
- inconstans**, Broun. Man. N.Z. Coleop. 999, No. 1793.

**Holcaspis egmontensis**, Broun. Man. N.Z. Coleop. 997,  
No. 1790.

**irregularis**, Broun. Man. N.Z. Coleop. 998, No. 1791.  
**suteri**, Broun. Man. N.Z. Coleop. 1324, No. 2329.  
**sinuellus**, Broun. Man. N.Z. Coleop. 1325, No. 2330.  
**delator**, Broun. Man. N.Z. Coleop. 1397, No. 2437.  
**rugifrons**, Sharp. Man. N.Z. Coleop. 1397, No. 2438.  
**ithaginis**, Broun. A.M.N.H. 6, xii. 162.  
**obsoletus**, Broun. A.M.N.H. 6, xii. 163.  
**lewisi**, Broun. A.M.N.H. 6, xiv. 310.

*Thorax with five or more setæ on each side:—*

**catenulatus**, Broun. Man. N.Z. Coleop. 753, No. 1336.  
**mucronatus**, Broun. Man. N.Z. Coleop. 826, No. 1468.  
**insidiosus**, Broun. Man. N.Z. Coleop. 999, No. 1792.  
**sculptipes**, Broun. Man. N.Z. Coleop. 1325, No. 2331.

*Species of doubtful position:—*

**thoracicus**, Broun. Man. N.Z. Coleop. 657, No. 1148.  
**angustulus**, Chaudoir. Man. N.Z. Coleop. 38, No. 77.  
**sylvaticus**, Chaudoir. Man. N.Z. Coleop. 38, No. 78.  
**vigil**, White. Man. N.Z. Coleop. 41, No. 85.  
**politissima**, White. Man. N.Z. Coleop. 41, No. 86.  
**pellax**, White. Man. N.Z. Coleop. 657, No. 1147.  
**reflexum**, Chaudoir. Bull. Mosc. xxxviii. 74.  
**convexidorsis**, Tschitschérine. Hor. Ent. Ross, 1891, 166.

**Alogus**, Motschulsky, 1865.

**monachicus**, Motschulsky. Man. N.Z. Coleop. 44, No. 92.

**Cerabilia**, Castlenau, 1868.

**maori**, Castlenau. Man. N.Z. Coleop. 44, No. 93.  
**punctigera**, Broun. Man. N.Z. Coleop. 753, No. 1337.  
**ruficornis**, Broun. Man. N.Z. Coleop. 754, No. 1338.

**Rhytidosternus**, Chaudoir, 1865.

**rugifrons**, Broun. Man. N.Z. Coleop. 41, No. 87.  
**erythrognathus**, Broun. Man. N.Z. Coleop. 986, No. 1773.

**Steropus**, Megerle, 1821.

**helmsi**, Sharp. Man. N.Z. Coleop. 989, No. 1777.

**Argutor**, Megerle, 1837.

**erythropus**, Blanchard. Man. N.Z. Coleop. 42, No. 89.  
**piceus**, Blanchard. Man. N.Z. Coleop. 43, No. 90.  
**pantomelas**, Blanchard. Voy. Pole Sud, Zool. iv. 27.  
**calathoides**, Broun. Man. N.Z. Coleop. 879, No. 1564.

Sub-family ANISODACTYLINÆ.

**Triplosarus**, Bates, 1874.

**fulvescens**, Bates. Man. N.Z. Coleop. 45, No. 94.  
**novæ - zealandiæ**, Castelnau. Man. N.Z. Coleop. 659,  
No. 1151.

**Lecanomerus**, Chaudoir, 1850.

*latimanus*, Bates. Man. N.Z. Coleop. 45, No. 95.  
*insignitus*, Broun. Man. N.Z. Coleop. 47, No. 96.  
*obesulus*, Bates. Man. N.Z. Coleop. 47, No. 97.  
*fuliginosus*, Broun. Man. N.Z. Coleop. 48, No. 98.  
*fallax*, Broun. Man. N.Z. Coleop. 48, No. 99.  
*stenopus*, Broun. Man. N.Z. Coleop. 880, No. 1565.  
*marginatus*, Sharp. Man. N.Z. Coleop. 1000, No. 1794.  
*pallipes*, Broun. A.M.N.H. 6, xiv. 379.

**Zabronothus**, Broun, 1893.

*striatulus*, Broun. Man. N.Z. Coleop. 1327, No. 2333.  
*rufipes*, Broun. Man. N.Z. Coleop. 1328, No. 2334.

**Hypharpax**, MacLeay, 1825.

*antarcticus*, Castelnau. Man. N.Z. Coleop. 49, No. 100.  
*abstrusus*, Bates. Man. N.Z. Coleop. 49, No. 101.

**Syllectus**, Bates, 1878.

*anomalous*, Bates. Man. N.Z. Coleop. 52, No. 102.

## Sub-family HARPALINÆ.

**Harpalus**, Latreille, 1804.

*novæ-zealandiæ*, Castlenau. Trans. R. Soc. Vict. 1867, 108.  
*antarcticus*, Castelnau. Trans. R. Soc. Vict. 1867, 107.

**Euthenarus**, Bates, 1874.

*brevicollis*, Bates. Man. N.Z. Coleop. 53, No. 103.  
*puncticollis*, Bates. Man. N.Z. Coleop. 53, No. 104.  
*cilicollis*, Broun. T.N.Z.I. xxxiv. 176.  
*huttoni*, Broun. T.N.Z.I. xxxiv. 177.

## Sub-family ZOLINÆ.

**Zolus**, Sharp, 1886.

*helmsi*, Sharp. Man. N.Z. Coleop. 1001, No. 1795.  
*atratus*, Broun. Man. N.Z. Coleop. 1002, No. 1796.  
*femoralis*, Broun. A.M.N.H. 6, xiv. 311.  
*carinatus*, Broun. Man. N.Z. Coleop. 754, No. 1339.

**Megadromus**, Motschulsky, 1865.

*viridilimbatus*, Motschulsky. Bull. Mosc. iv. 251.

## Sub-family POGONINÆ.

**Oöpterus**, Guérin, 1841.

*laevicollis*, Bates. Man. N.Z. Coleop. 54, No. 105.  
*patulus*, Broun. Man. N.Z. Coleop. 655, No. 1145.  
*fulvipes*, Broun. Man. N.Z. Coleop. 936, No. 1684.  
*sobrinus*, Broun. Man. N.Z. Coleop. 936, No. 1685.  
*collaris*, Broun. Man. N.Z. Coleop. 1002, No. 1797.  
*pallidipes*, Broun. Man. N.Z. Coleop. 1003, No. 1798.

**Oöpterus puncticeps**, Broun. Man. N.Z. Coleop. 1398, No. 2440.

**clivinoides**, Guérin. Voy. Pole Sud, Zool. iv. 43.

**plicaticollis**, Blanchard. Voy. Pole Sud, Zool. iv. 44.

**Cyclothorax**, MacLeay, 1873.

**rotundicollis**, White. Man. N.Z. Coleop. 54, No. 105.  
**insularis**, Motschulsky. Man. N.Z. Coleop. 29, No. 62.

**Tarastethus**, Sharp, 1883.

**puncticollis**, Sharp. Man. N.Z. Coleop. 1004, No. 1799.

**læviventris**, Sharp. Man. N.Z. Coleop. 1004, No. 1800.

**alpinalis**, Broun. Man. N.Z. Coleop. 1005, No. 1801.

**debilis**, Sharp. Man. N.Z. Coleop. 1005, No. 1802.

**cinctus**, Broun. Man. N.Z. Coleop. 1005, No. 1803.

**sulcicollis**, Bates. Man. N.Z. Coleop. 28, No. 59.

**seriatoporus**, Bates. Man. N.Z. Coleop. 28, No. 60.

**placens**, Broun. Man. N.Z. Coleop. 28, No. 61.

**Sympiestus**, Sharp, 1866.

**syntheticus**, Sharp. Man. N.Z. Coleop. 1006, No. 1804.

**fallax**, Broun. Man. N.Z. Coleop. 1007, No. 1805.

**oculator**, Broun. Man. N.Z. Coleop. 1398, No. 2439.

**modestus**, Broun. A.M.N.H. 6, xiv. 311.

#### Sub-family BEMBIDIINÆ.

**Bembidium**, Latreille, 1804.

**charile**, Bates. Man. N.Z. Coleop. 55, No. 107.

**maorinum**, Bates. Man. N.Z. Coleop. 55, No. 108.

**tairuense**, Bates. Man. N.Z. Coleop. 55, No. 109.

**rotundicolle**, Bates. Man. N.Z. Coleop. 56, No. 110.

**parviceps**, Bates. Man. N.Z. Coleop. 56, No. 111.

**anchonoderum**, Bates. Man. N.Z. Coleop. 57, No. 112.

**eustictum**, Bates. Man. N.Z. Coleop. 57, No. 113.

**callipeplum**, Bates. Man. N.Z. Coleop. 57, No. 114.

**orbiferum**, Bates. Man. N.Z. Coleop. 58, No. 115.

**chalceipes**, Bates. Man. N.Z. Coleop. 58, No. 116.

**hokitikense**, Bates. Man. N.Z. Coleop. 59, No. 117.

**musæ**, Broun. Man. N.Z. Coleop. 755, No. 1340.

**latiusculum**, Broun. Man. N.Z. Coleop. 755, No. 1341.

**nesophilum**, Broun. Man. N.Z. Coleop. 828, No. 1472.

**tantillum**, Broun. Man. N.Z. Coleop. 828, No. 1473.

**tekapoense**, Broun. Man. N.Z. Coleop. 880, No. 1566.

**attenuatum**, Broun. Man. N.Z. Coleop. 881, No. 1567.

**clevedonense**, Broun. Man. N.Z. Coleop. 1007, No. 1806.

**diaphanum**, Broun. Man. N.Z. Coleop. 1007, No. 1807.

**dehiscens**, Broun. Man. N.Z. Coleop. 1009, No. 1808.

**antipodum**, Broun. Man. N.Z. Coleop. 1009, No. 1809.

**tersatum**, Broun. Man. N.Z. Coleop. 1010, No. 1810.

**Cillenum**, Samouelle, 1819.

**albescens**, Bates. Man. N.Z. Coleop. 59, No. 118.  
**chalmeri**, Broun. Man. N.Z. Coleop. 881, No. 1568.  
**subcæcum**, Sharp. Man. N.Z. Coleop. 1010, No. 1811.

**Tachys**, Shaum, 1860.

**antarcticus**, Bates. Man. N.Z. Coleop. 60, No. 119.  
**latipennis**, Sharp. Man. N.Z. Coleop. 1011, No. 1812.  
**oreobius**, Broun. Man. N.Z. Coleop. 1399, No. 2441.  
**cavelli**, Broun. Man. N.Z. Coleop. 1400, No. 2442.

**Anillus**, Duval, 1851.

**pallidus**, Broun. Man. N.Z. Coleop. 918, No. 1644.  
**phyllobius**, Broun. A.M.N.H. 6. xii. 164.

## Sub-family LEBIINÆ.

**Actenonyx**, White, 1846.

**bembidioides**, White. Voy. E. & T. 61, No. 120.

**Lebia**, Latreille, 1804.

**bembidioides**, Fairmaire. Rev. Zool. 1849, 32.  
**posticalis**, Guérin. Voy. Coquille, Col. 58.

**Wakefieldia**, Broun, 1880.

**vittata**, Broun. Man. N.Z. Coleop. 62, No. 121.

**Agonochila**, Chaudoir, 1848.

**binotata**, White. Man. N.Z. Coleop. 63, No. 122.

**Demetrida**, White, 1846.

**lineella**, White. Man. N.Z. Coleop. 64, No. 123.  
**nasuta**, White. Man. N.Z. Coleop. 64, No. 124.  
**picea**, Chaudoir. Man. N.Z. Coleop. 65, No. 125.  
**ater**, Broun. Man. N.Z. Coleop. 66, No. 126.  
**moesta**, Sharp. Man. N.Z. Coleop. 66, No. 127.

**Pedalopia**, Castelnau, 1867.

**novæ-zealandiæ**, Castelnau. Man. N.Z. Coleop. 67, No. 128.

## Sub-family PERICALINÆ.

**Scopodes**, Erichson, 1842.

**fossulatus**, Blanchard. Man. N.Z. Coleop. 68, No. 129.  
**elaphroides**, White. Man. N.Z. Coleop. 68, No. 130.  
**edwardsi**, Bates. Man. N.Z. Coleop. 68, No. 131.  
**versicolor**, Bates. Man. N.Z. Coleop. 68, No. 132.  
**prasinus**, Bates. Man. N.Z. Coleop. 69, No. 133.  
**multipunctatus**, Bates. Man. N.Z. Coleop. 69, No. 134.  
**lævigatus**, Bates. Man. N.Z. Coleop. 70, No. 135.  
**venustus**, Broun. Man. N.Z. Coleop. 756, No. 1342.  
**planus**, Broun. Man. N.Z. Coleop. 756, No. 1343.  
**tardus**, Broun. Man. N.Z. Coleop. 757, No. 1344.

**Scopodes pustulatus**, Broun. Man. N.Z. Coleop. 757, No.

1345.  
**lævistriatus**, Broun. Man. N.Z. Coleop. 829, No. 1474.  
**bryophilus**, Broun. Man. N.Z. Coleop. 882, No. 1569.  
**cognatus**, Broun. Man. N.Z. Coleop. 882, No. 1570.  
**antennalis**, Broun. Man. N.Z. Coleop. 882, No. 1571.  
**nigrinus**, Sharp. Man. N.Z. Coleop. 1011, No. 1813.  
**basalis**, Broun. Man. N.Z. Coleop. 1012, No. 1814.  
**speciosus**, Broun. Man. N.Z. Coleop. 1012, No. 1815.

Family DYTISCIDÆ.

**Homœodytes**, Sharp, 1882.

**hookeri**, White. Man. N.Z. Coleop. 75, No. 141.  
**scutellaris**, Sharp. Man. N.Z. Coleop. 1331, No. 2338.

**Rhantus**, Sharp, 1882.

**pulverosus**, Stephens = *C. rufimanus*, White. Man. N.Z.  
 Coleop. 74, No. 170; Man. N.Z. Coleop. 1333, No. 2340.  
**plantaris**, Sharp. Man. N.Z. Coleop. 1333, No. 2339.

**Lancetes**, Sharp, 1882.

**lanceolatus**, Clark. Man. N.Z. Coleop. 1335, No. 2341.

Family HYDROPORIDÆ.

**Antiporus**, Sharp, 1882.

**uncifer**, Sharp. Man. N.Z. Coleop. 1330, No. 2337.  
**wakefieldi**, Sharp. Man. N.Z. Coleop. 71, No. 136.  
**duplex**, Sharp. Man. N.Z. Coleop. 72, No. 137.  
**strigosulus**, Broun. Man. N.Z. Coleop. 72, No. 138.  
**nitidicornis**, Broun. Man. N.Z. Coleop. 73, No. 139.

**Bidessus**, Sharp, 1882.

**impressus**, Sharp. Man. N.Z. Coleop. 1329, No. 2334.  
**plicatus**, Sharp. Man. N.Z. Coleop. 1329, No. 2335.  
**huttoni**, Sharp. Man. N.Z. Coleop. 1329, No. 2336.

**Huxelhydrus**, Sharp, 1882.

**syntheticus**, Sharp. Trans. Roy. Dub. Soc. 1882.  
**virgatus**, Broun. Man. N.Z. Coleop. 1014, No. 1816.

**Copelatus**, Erichson. Sharp, 1882.

**sharpi**, Broun. Man. N.Z. Coleop. 1014 and 939, No. 1689.

Series POLYMORPHA.

Family GYRINIDÆ.

**Gyrinus**, Linnæus, 1733.

**huttoni**, Pascoe. Man. N.Z. Coleop. 76, No. 142.

Family HYDROPHILIDÆ.

**Philhydrus**, Solier, 1834.

**tritus**, Broun. Man. N.Z. Coleop. 78, No. 145.

**Philhydrus variolosus**, Broun. Man. N.Z. Coleop. 79, No. 146.  
**abditus**, Sharp. Man. N.Z. Coleop. 1018, No. 1824.

**Berosus**, Leach, 1817.  
**mergus**, Broun. Man. N.Z. Coleop. 883, No. 1572.

**Phelerosus**, Sharp, 1884.  
**pallidipennis**, Sharp. Man. N.Z. Coleop. 1023, No. 1834.

**Saphydrus**, Sharp, 1884.  
**oblongus**, Broun. Man. N.Z. Coleop. 81, No. 150.  
**suffusus**, Sharp. Man. N.Z. Coleop. 1015, No. 1817.  
**obesus**, Sharp. Man. N.Z. Coleop. 1016, No. 1818.  
**antennatus**, Sharp. Man. N.Z. Coleop. 1016, No. 1819.  
**longulus**, Sharp. Man. N.Z. Coleop. 1016, No. 1820.  
**monticola**, Broun. Man. N.Z. Coleop. 1401, No. 2443.

**Rygmodus**, White, 1846.  
**modestus**, White. Man. N.Z. Coleop. 80, No. 147.  
**pedinoides**, White. Man. N.Z. Coleop. 80, No. 148.  
**incertus**, Broun. Man. N.Z. Coleop. 81, No. 149.  
**optimus**, Broun. Man. N.Z. Coleop. 82, No. 151.  
**cyaneus**, Broun. Man. N.Z. Coleop. 659, No. 1152.  
**puncticeps**, Broun. Man. N.Z. Coleop. 757, No. 1346.  
**femoratus**, Sharp. Man. N.Z. Coleop. 1016, No. 1821.  
**tibialis**, Broun. Man. N.Z. Coleop. 1017, No. 1822.  
**ovalis**, Sharp. Man. N.Z. Coleop. 1017, No. 1823.  
**limbatus**, Broun. Man. N.Z. Coleop. 1335, No. 2342.  
**alienus**, Broun. Man. N.Z. Coleop. 1401, No. 2444.

**Tormus**, Sharp, 1884.  
**helmsi**, Sharp. Man. N.Z. Coleop. 1019, No. 1825.  
**nitidus**, Broun. Man. N.Z. Coleop. 1402, No. 2445.

**Tormissus**, Broun, 1893.  
**marginatus**, Broun. Man. N.Z. Coleop. 1021, No. 1829.  
**magnulus**, Broun. Man. N.Z. Coleop. 1021, No. 1830.

**Hydrostygnus**, Sharp, 1884.  
**linsi**, Sharp. Man. N.Z. Coleop. 1020, No. 1826.  
**pontalis**, Broun. Man. N.Z. Coleop. 84, No. 155.  
**minor**, Broun. Man. N.Z. Coleop. 1020, No. 1827.  
**bifoveatus**, Broun. Man. N.Z. Coleop. 1021, No. 1828.

**Exydrus**, Broun, 1886.  
**flavicornis**, Broun. Man. N.Z. Coleop. 84, No. 153.  
**gibbosus**, Broun. Man. N.Z. Coleop. 84, No. 154.

**Stygnohydrus**, Broun, 1893.  
**nitidus**, Broun. Man. N.Z. Coleop. 1336, No. 2343.

**Cyloma**, Sharp, 1872.  
**lawsonus**, Sharp. Man. N.Z. Coleop. 85, No. 156.

**Cyloma thomsonus**, Sharp. Man. N.Z. Coleop. 1022, No. 1831.

**guttulatus**, Sharp. Man. N.Z. Coleop. 1022, No. 1832.  
**stewarti**, Broun. A.M.N.H. 6, xiv. 379.

**Cyclonotum**, Dejean, 1833.

**marginale**, Sharp. Man. N.Z. Coleop. 83, No. 152.

**Psephoboragus**, Broun, 1893.

**signatus**, Broun. Man. N.Z. Coleop. 1403, No. 2446.

**lineatus**, Broun. Man. N.Z. Coleop. 1404, No. 2447.

**Adolopus**, Sharp, 1884.

**helmsi**, Sharp. Man. N.Z. Coleop. 1023, No. 1833.

**badius**, Broun. Man. N.Z. Coleop. 86, No. 157.

**altulus**, Broun. Man. N.Z. Coleop. 86, No. 158.

**vicinus**, Broun. Man. N.Z. Coleop. 939, No. 1690.

**rugipennis**, Broun. Man. N.Z. Coleop. 939, No. 1691.

**montanus**, Broun. Man. N.Z. Coleop. 1336, No. 2344.

**convexus**, Broun. Man. N.Z. Coleop. 1404, No. 2448.

**Cercyodes**, Broun, 1893.

**lævigatus**, Broun. Man. N.Z. Coleop. 941, No. 1692.

#### Family PARNIDÆ.

**Potaminus**, Sturm, 1837.

**angusticollis**, Pascoe. Man. N.Z. Coleop. 248, No. 439.

**Alloparnus**, Broun, 1893. Substituted for *Parnida*.

**agrestis**, Broun. Man. N.Z. Coleop. 1107 and 249, No. 440.

**Protoparnus**, Sharp, 1886.

**longulus**, Sharp. Man. N.Z. Coleop. 1107, No. 1965.

#### Family ELMIDÆ.

**Hydora**, Broun, 1886. Substituted for *Pachycephala*.

**picea**, Broun. Man. N.Z. Coleop. 672, No. 1173.

**nitida**, Broun. Man. N.Z. Coleop. 927, No. 1664.

**obsoleta**, Broun. Man. N.Z. Coleop. 928, No. 1665.

#### Family BUPRESTIDÆ.

**Nascio**, Castelnau and Gory, 1835.

**eremita**, White. Man. N.Z. Coleop. 276, No. 481.

**enysi**, Sharp. Man. N.Z. Coleop. 276, No. 482.

#### Family EUCHARISIDÆ.

**Neocharis**, Sharp, 1877.

**varia**, Sharp. Man. N.Z. Coleop. 277, No. 483.

**pubescens**, Sharp. Man. N.Z. Coleop. 278, No. 484.

**simplex**, Sharp. Man. N.Z. Coleop. 278, No. 485.

**concolor**, Sharp. Man. N.Z. Coleop. 278, No. 486.

**osculans**, Broun. Man. N.Z. Coleop. 674, No. 1176.

**Talerax**, Sharp, 1877.

*distans*, Sharp. Man. N.Z. Coleop. 279, No. 487.  
*capax*, Broun. Man. N.Z. Coleop. 674, No. 1177.  
*niger*, Broun. Man. N.Z. Coleop. 675, No. 1178.  
*rusticus*, Broun. Man. N.Z. Coleop. 675, No. 1179.  
*foveatus*, Broun. Man. N.Z. Coleop. 676, No. 1180.  
*tenuis*, Broun. Man. N.Z. Coleop. 772, No. 1368.  
*micans*, Broun. Man. N.Z. Coleop. 1350, No. 2366.

**Drasterius**, Eschscholtz, 1829.

*nigellus*, White. Man. N.Z. Coleop. 279, No. 488.

**Melanus**, Broun, 1881.

*sculptus*, Broun. Man. N.Z. Coleop. 677, No. 1181.

**Agalba**, Broun, 1893.

*ruficornis*, Broun. Man. N.Z. Coleop. 1120, No. 1988.  
*nigrescens*, Broun. Man. N.Z. Coleop. 1121, No. 1989.  
*cylindrata*, Broun. Man. N.Z. Coleop. 771, No. 1367.

## Family ELATERIDÆ.

**Protelater**, Sharp, 1877.

*elongatus*, Sharp. Man. N.Z. Coleop. 305, No. 545.  
*huttoni*, Sharp. Man. N.Z. Coleop. 305, No. 546.  
*guttatus*, Sharp. Man. N.Z. Coleop. 305, No. 547.  
*picticornis*, Sharp. Man. N.Z. Coleop. 306, No. 548.  
*opus*, Sharp. Man. N.Z. Coleop. 306, No. 549.  
*nigricans*, Sharp. Man. N.Z. Coleop. 772, No. 1369.  
*vitticollis*, Broun. Man. N.Z. Coleop. 956, No. 1724.  
*atriceps*, Broun. Man. N.Z. Coleop. 957, No. 1725.  
*urquharti*, Broun. Man. N.Z. Coleop. 1121, No. 1990.  
*costiceps*, Broun. Man. N.Z. Coleop. 1121, No. 1991.  
*pubescens*, Broun. Man. N.Z. Coleop. 1122, No. 1992.

**Geranus**, Sharp, 1877.

*collaris*, Pascoe. Man. N.Z. Coleop. 302, No. 540.  
*lineicollis*, White. Man. N.Z. Coleop. 304, No. 544.  
*fulvus*, Sharp. Man. N.Z. Coleop. 303, No. 542.  
*similis*, Sharp. Man. N.Z. Coleop. 303, No. 543.

**Parinus**, Sharp, 1877.

*villosus*, Sharp. Man. N.Z. Coleop. 301, No. 538.

**Corymbites**, Latreille, 1834.

*antipodus*, Candèze. Man. N.Z. Coleop. 299, No. 532.  
*dubius*, Sharp. Man. N.Z. Coleop. 299, No. 533.  
*strangulatus*, White. Man. N.Z. Coleop. 300, No. 534.  
*myops*, White. Man. N.Z. Coleop. 300, No. 535.  
*olivascens*, White. Man. N.Z. Coleop. 300, No. 536.  
*agriotoides*, Sharp. Man. N.Z. Coleop. 301, No. 537.  
*irregularis*, Sharp. Man. N.Z. Coleop. 1128, No. 2006.

**Corymbites mundus**, Sharp. Man. N.Z. Coleop. 1129, No. 2007.

**canaliculatus**, Broun. Man. N.Z. Coleop. 1129, No. 2008.  
**munroi**, Broun. Man. N.Z. Coleop. 1130, No. 2009.

**Asymphus**, Sharp, 1886.

**insidiosus**, Sharp. Man. N.Z. Coleop. 1132, No. 2011.

**Exœolus**, Broun, 1893.

**rufescens**, Broun. Man. N.Z. Coleop. 1134, No. 2013.

**punctatus**, Broun. Man. N.Z. Coleop. 1134, No. 2014.

**obsoletus**, Broun. Man. N.Z. Coleop. 1135, No. 2015.

**Ochosternus**, Candèze, 1863.

**zealandicus**, White. Man. N.Z. Coleop. 298, No. 531.

**parryi**, Candèze. Mon. iv. 447.

**Chrosis**, Candèze, 1863.

**polita**, Sharp. Man. N.Z. Coleop. 296, No. 527.

**reversa**, Sharp. Man. N.Z. Coleop. 297, No. 528.

**barbata**, Candèze. Man. N.Z. Coleop. 297, No. 529.

**elongata**, Sharp. Man. N.Z. Coleop. 298, No. 530.

**livens**, Broun. Man. N.Z. Coleop. 681, No. 1188.

**valida**, Broun. Man. N.Z. Coleop. 681, No. 1189.

**setigera**, Broun. Man. N.Z. Coleop. 682, No. 1190.

**brevicollis**, Broun. Man. N.Z. Coleop. 682, No. 1191.

**castanea**, Broun. Man. N.Z. Coleop. 683, No. 1192.

**certa**, Broun. Man. N.Z. Coleop. 683, No. 1193.

**fulvipes**, Broun. Man. N.Z. Coleop. 683, No. 1194.

**impressa**, Broun. Man. N.Z. Coleop. 1133, No. 2012.

**æneola**, Candèze. Mem. Belg. xvii. 1865, 54.

**eximia**, Broun. A.M.N.H. 6, xii. 288.

**Cryptohypnus**, Eschscholtz, 1833.

**powelli**, Sharp. Man. N.Z. Coleop. 295, No. 522.

**humilis**, Sharp. Man. N.Z. Coleop. 295, No. 523.

**frontalis**, Sharp. Man. N.Z. Coleop. 295, No. 524.

**longicornis**, Sharp. Man. N.Z. Coleop. 296, No. 525.

**thoracicus**, Sharp. Man. N.Z. Coleop. 296, No. 526.

**meinertzhageni**, Broun. Man. N.Z. Coleop. 680, No. 1187.

**montanus**, Broun. Man. N.Z. Coleop. 773, No. 1371.

**sandageri**, Broun. Man. N.Z. Coleop. 774, No. 1372.

**pallipes**, Sharp. Man. N.Z. Coleop. 1122, No. 1194.

**picticornis**, Broun. Man. N.Z. Coleop. 1122, No. 1195.

**monticola**, Broun. Man. N.Z. Coleop. 1124, No. 1196.

**sternalis**, Broun. Man. N.Z. Coleop. 1124, No. 1197.

**basalis**, Broun. Man. N.Z. Coleop. 1125, No. 1198.

**fuscipennis**, Broun. Man. N.Z. Coleop. 1125, No. 1199.

**attenuatus**, Broun. Man. N.Z. Coleop. 1453, No. 2521.

**deterius**, Broun. Man. N.Z. Coleop. 1454, No. 2522.

**Oxylasma**, Broun, 1881.

**pannosum**, Broun. Man. N.Z. Coleop. 679, No. 1185.  
**tectum**, Broun. Man. N.Z. Coleop. 680, No. 1186.  
**basale**, Broun. Man. N.Z. Coleop. 957, No. 1726.  
**carinale**, Broun. Man. N.Z. Coleop. 1130, No. 2010.  
**vittiger**, Broun. Man. N.Z. Coleop. 1452, No. 2520.

**Silene**, Broun, 1893.

**brunnea**, Broun. Man. N.Z. Coleop. 1136, No. 2017.

**Monocrepidius**, Eschscholtz, 1829.

**exsul**, Sharp. Man. N.Z. Coleop. 294, No. 520.  
**subrufus**, Broun. Man. N.Z. Coleop. 294, No. 521.  
**maritimus**, Broun. Man. N.Z. Coleop. 1135, No. 2016.

**Mecastrus**, Sharp, 1877.

**convexus**, Sharp. Man. N.Z. Coleop. 293, No. 517.  
**vicinus**, Sharp. Man. N.Z. Coleop. 293, No. 518.  
**discedens**, Sharp. Man. N.Z. Coleop. 293, No. 519.  
**lateristrigatus**, White. Man. N.Z. Coleop. 306, No. 550.  
**intermedius**, Broun. Man. N.Z. Coleop. 1128, No. 2005.

**Zeaglophus**, Broun, 1895.

**pilicornis**, Broun. A.M.N.H. 6, xv. 235.

**Lomemus**, Sharp, 1877.

**pilicornis**, Sharp. Man. N.Z. Coleop. 290, No. 509.  
**pictus**, Sharp. Man. N.Z. Coleop. 290, No. 510.  
**suffusus**, Sharp. Man. N.Z. Coleop. 291, No. 511.  
**flavipes**, Sharp. Man. N.Z. Coleop. 291, No. 512.  
**similis**, Sharp. Man. N.Z. Coleop. 291, No. 513.  
**obscuripes**, Sharp. Man. N.Z. Coleop. 292, No. 514.  
**elegans**, Sharp. Man. N.Z. Coleop. 292, No. 515.  
**collaris**, Sharp. Man. N.Z. Coleop. 292, No. 516.  
**rectus**, Broun. Man. N.Z. Coleop. 774, No. 1373.  
**vittatus**, Broun. Man. N.Z. Coleop. 775, No. 1374.  
**fulvipennis**, Broun. Man. N.Z. Coleop. 1126, No. 2000.  
**fuscicornis**, Broun. Man. N.Z. Coleop. 1126, No. 2001.  
**maurus**, Broun. Man. N.Z. Coleop. 1127, No. 2002.  
**sculpturatus**, Broun. Man. N.Z. Coleop. 1127, No. 2003.  
**frontalis**, Broun. Man. N.Z. Coleop. 1128, No. 2004.  
**fuscipes**, Broun. Man. N.Z. Coleop. 1454, No. 2523.  
**puncticollis**, Broun. A.M.N.H. 6, xv. 234.

**Psorochroa**, Broun, 1886.

**granulata**, Broun. Man. N.Z. Coleop. 773, No. 1370.

**Aglophus**, Sharp, 1877.

**modestus**, Sharp. Man. N.Z. Coleop. 289, No. 508.

**Panspœus**, Sharp, 1877.

**guttatus**, Sharp. Man. N.Z. Coleop. 288, No. 506.  
**tenebrosus**, Broun. Man. N.Z. Coleop. 288, No. 507.

**Betarmon**, Kiesenwetter, 1858.

- gracilipes*, Sharp. Man. N.Z. Coleop. 287, No. 502.
- frontalis*, Sharp. Man. N.Z. Coleop. 287, No. 503.
- lætus*, Sharp. Man. N.Z. Coleop. 287, No. 504.
- obscurus*, Sharp. Man. N.Z. Coleop. 287, No. 505.
- flavipilus*, Broun. Man. N.Z. Coleop. 1350, No. 2367.

**Amphiplatys**, Sharp, 1877.

- lawsoni*, Sharp. Man. N.Z. Coleop. 286, No. 501.

**Metabrax**, Sharp, 1877.

- brouni*, Sharp. Man. N.Z. Coleop. 284, No. 497.
- acutipennis*, White. Man. N.Z. Coleop. 284, No. 498.
- approximans*, White. Man. N.Z. Coleop. 285, No. 499.
- cinctiger*, White. Man. N.Z. Coleop. 285, No. 500.

**Thoramus**, Sharp, 1877.

- wakefieldi*, Sharp. Man. N.Z. Coleop. 280, No. 489.
- rugipennis*, Broun. Man. N.Z. Coleop. 281, No. 491.
- feredayi*, Sharp. Man. N.Z. Coleop. 282, No. 493.
- lævithorax*, White. Man. N.Z. Coleop. 282, No. 494.
- perblandus*, Broun. Man. N.Z. Coleop. 282, No. 495.
- foveolatus*, Broun. Man. N.Z. Coleop. 283, No. 496.
- cervinus*, Broun. Man. N.Z. Coleop. 677, No. 1182.
- angustus*, Broun. Man. N.Z. Coleop. 678, No. 1183.
- parvulus*, Broun. Man. N.Z. Coleop. 678, No. 1184.
- huttoni*, Sharp. Man. N.Z. Coleop. 1122, No. 1993.

*Genera of doubtful position:—*

**Brounia**, Sharp, 1878.

- thoracica*, Sharp. Man. N.Z. Coleop. 274, No. 480.

**Byrrhocryptus**, Broun, 1893.

- urquharti*, Broun. Man. N.Z. Coleop. 1137, No. 2018.

**Amplectopus**, Sharp, 1886.

- ovalis*, Sharp. Man. N.Z. Coleop. 1138, No. 2019.
- latulus*, Broun. Man. N.Z. Coleop. 1351, No. 2368.
- fuscus*, Broun. Man. N.Z. Coleop. 1351, No. 2369.
- pallicornis*, Broun. Man. N.Z. Coleop. 1456, No. 2526.

Family DASCILLIDÆ.

**Byrrhodes**, Sharp, 1878.

- gravidus*, Sharp. Man. N.Z. Coleop. 307, No. 551.

**Cyprobius**, Sharp, 1878.

- nitidus*, Sharp. Man. N.Z. Coleop. 308, No. 552.
- undulatus*, Broun. Man. N.Z. Coleop. 775, No. 1375.
- terrenus*, Broun. A.M.N.H. 6, xv. 236.

**Cyphanus**, Sharp, 1878.

- laticeps*, Sharp. Man. N.Z. Coleop. 309, No. 553.

**Cyphanus punctatus**, Sharp. Man. N.Z. Coleop. 309, No. 554.  
**capax**, Broun. Man. N.Z. Coleop. 309, No. 555.  
**mollis**, Sharp. Man. N.Z. Coleop. 310, No. 556.  
**debilis**, Sharp. Man. N.Z. Coleop. 310, No. 557.  
**granulatus**, Broun. Man. N.Z. Coleop. 311, No. 558.  
**medius**, Broun. Man. N.Z. Coleop. 311, No. 559.  
**mandibularis**, Broun. Man. N.Z. Coleop. 776, No. 1376.  
**dubius**, Broun. Man. N.Z. Coleop. 1139, No. 2020.  
**scaber**, Broun. Man. N.Z. Coleop. 1139, No. 2021.

**Atopida**, White, 1846.

**lawsoni**, Sharp. Man. N.Z. Coleop. 312, No. 560.  
**suturalis**, White. Man. N.Z. Coleop. 338, No. 615.  
**brouni**, Sharp. Man. N.Z. Coleop. 312, No. 561.  
**proba**, Sharp. Man. N.Z. Coleop. 313, No. 562.  
**castanea**, White. Man. N.Z. Coleop. 313, No. 563.  
**hirta**, Broun. Man. N.Z. Coleop. 313, No. 564.  
**testacea**, Broun. Man. N.Z. Coleop. 314, No. 565.  
**dorsalis**, Broun. Man. N.Z. Coleop. 1140, No. 2023.  
**sinuata**, Broun. Man. N.Z. Coleop. 1455, No. 2524.

**Veronatus**, Sharp, 1878.

**longicornis**, Sharp. Man. N.Z. Coleop. 314, No. 566.  
**longipalpis**, Sharp. Man. N.Z. Coleop. 315, No. 567.  
**sharpi**, Broun. Man. N.Z. Coleop. 315, No. 568.  
**frontalis**, Broun. Man. N.Z. Coleop. 316, No. 569.  
**scabiosus**, Broun. Man. N.Z. Coleop. 316, No. 570.  
**capito**, Broun. Man. N.Z. Coleop. 316, No. 571.  
**antennalis**, Broun. Man. N.Z. Coleop. 776, No. 1377.  
**nubilus**, Broun. Man. N.Z. Coleop. 1455, No. 2525.  
**amplus**, Broun. A.M.N.H. 6, xv. 237.

**Mesocyphon**, Sharp, 1878.

**marmoratus**, Sharp. Man. N.Z. Coleop. 317, No. 572.  
**setiger**, Sharp. Man. N.Z. Coleop. 317, No. 573.  
**wakefieldi**, Sharp. Man. N.Z. Coleop. 318, No. 574.  
**divergens**, Sharp. Man. N.Z. Coleop. 318, No. 575.  
**monticola**, Broun. Man. N.Z. Coleop. 958, No. 1727.  
**granulatus**, Broun. Man. N.Z. Coleop. 958, No. 1728.  
**pallidus**, Broun. Man. N.Z. Coleop. 1141, No. 2024.  
**laticeps**, Broun. Man. N.Z. Coleop. 1142, No. 2025.

**Cyphon**, Paykull, 1798.

**huttoni**, Sharp. Man. N.Z. Coleop. 320, No. 576.  
**parviceps**, Sharp. Man. N.Z. Coleop. 320, No. 577.  
**pumilio**, Sharp. Man. N.Z. Coleop. 320, No. 578.  
**arduus**, Sharp. Man. N.Z. Coleop. 320, No. 579.  
**oscillans**, Sharp. Man. N.Z. Coleop. 321, No. 580.  
**æqualis**, Sharp. Man. N.Z. Coleop. 321, No. 581.  
**amplius**, Broun. Man. N.Z. Coleop. 322, No. 582.

**Cyphon viridipennis**, Broun. Man. N.Z. Coleop. 322, No. 583  
**graniger**, Sharp. Man. N.Z. Coleop. 322, No. 584.  
**pictulus**, Sharp. Man. N.Z. Coleop. 322, No. 585.  
**zealandicus**, Sharp. Man. N.Z. Coleop. 323, No. 586.  
**suffusus**, Sharp. Man. N.Z. Coleop. 323, No. 587.  
**laticeps**, Sharp. Man. N.Z. Coleop. 323, No. 588.  
**genalis**, Sharp. Man. N.Z. Coleop. 324, No. 589.  
**remotus**, Broun. Man. N.Z. Coleop. 776, No. 1378.  
**nigropictus**, Broun. Man. N.Z. Coleop. 777, No. 1379.  
**laticollis**, Broun. Man. N.Z. Coleop. 777, No. 1380.  
**rectangulus**, Broun. Man. N.Z. Coleop. 777, No. 1381.  
**plagiatus**, Broun. Man. N.Z. Coleop. 778, No. 1382.  
**propinquus**, Broun. Man. N.Z. Coleop. 778, No. 1383.  
**acerbus**, Broun. Man. N.Z. Coleop. 778, No. 1384.  
**crassus**, Broun. Man. N.Z. Coleop. 779, No. 1385.  
**suturalis**, Broun. Man. N.Z. Coleop. 779, No. 1386.  
**nitidus**, Broun. Man. N.Z. Coleop. 779, No. 1387.  
**lateralis**, Broun. Man. N.Z. Coleop. 780, No. 1388.  
**molestus**, Broun. Man. N.Z. Coleop. 780, No. 1389.  
**dilutus**, Broun. Man. N.Z. Coleop. 780, No. 1390.  
**rectalis**, Broun. Man. N.Z. Coleop. 837, No. 1490.  
**waikatoensis**, Broun. Man. N.Z. Coleop. 838, No. 1491.  
**signatus**, Broun. Man. N.Z. Coleop. 958, No. 1729.  
**æthiops**, Broun. Man. N.Z. Coleop. 959, No. 1730.  
**trivialis**, Broun. Man. N.Z. Coleop. 959, No. 1731.  
**pauper**, Broun. Man. N.Z. Coleop. 1143, No. 2026.  
**discedens**, Broun. Man. N.Z. Coleop. 1143, No. 2027.  
**flavescens**, Broun. Man. N.Z. Coleop. 1143, No. 2028.  
**nigritulus**, Broun. Man. N.Z. Coleop. 1144, No. 2029.  
**fuscifrons**, Broun. Man. N.Z. Coleop. 1144, No. 2030.  
**fulvicornis**, Broun. Man. N.Z. Coleop. 1144, No. 2031.  
**ornatus**, Broun. Man. N.Z. Coleop. 1145, No. 2032.  
**variegatus**, Sharp. Man. N.Z. Coleop. 1145, No. 2033.  
**mackerrowi**, Broun. A.M.N.H. 6, xv. 237.

**Cyphotelus**, Sharp, 1878.

**angustifrons**, Sharp. Man. N.Z. Coleop. 325, No. 590.

## Family CLERIDÆ.

**Paupris**, Sharp, 1877.

**aptera**, Sharp. Man. N.Z. Coleop. 331, No. 601.

**Parmius**, Sharp, 1877.

**longipes**, Sharp. Man. N.Z. Coleop. 331, No. 602.

**debilis**, Sharp. Man. N.Z. Coleop. 332, No. 603.

**rugosus**, Broun. Man. N.Z. Coleop. 1148, No. 2037.

**Pelonium**, Spinola, 1844.

**pustuliferum**, Westwood. P.Z.S. 1852, p. 52, pl. 24, fig. 8.

**Balcus**, Sharp, 1877.

*niger*, Sharp. Man. N.Z. Coleop. 333, No. 604.  
*signatus*, Broun. Man. N.Z. Coleop. 333, No. 605.

**Eumede**, Pascoe, 1876.

*æraria*, Pascoe. Man. N.Z. Coleop. 334, No. 606.

**Phymalophæa**, Pascoe, 1876.

*electa*, Pascoe. Man. N.Z. Coleop. 334, No. 607.  
*violacea*, Fabricius. Man. N.Z. Coleop. 335, No. 608.  
*hilaris*, Sharp. Man. N.Z. Coleop. 335, No. 609.  
*pantomelas*, Boisduval. Man. N.Z. Coleop. 335, No. 610.  
*longula*, Sharp. Man. N.Z. Coleop. 336, No. 611.  
*opiloides*, Pascoe. Man. N.Z. Coleop. 336, No. 612.  
*fulvipalpis*, Broun. Man. N.Z. Coleop. 336, No. 613.  
*picta*, Broun. Man. N.Z. Coleop. 685, No. 1198.  
*dorsalis*, Broun. Man. N.Z. Coleop. 685, No. 1199.  
*viridans*, Broun. Man. N.Z. Coleop. 686, No. 1200.  
*testacea*, Broun. Man. N.Z. Coleop. 686, No. 1201.  
*atrata*, Broun. Man. N.Z. Coleop. 686, No. 1202.  
*ignea*, Broun. Man. N.Z. Coleop. 784, No. 1397.  
*opacula*, Broun. Man. N.Z. Coleop. 1352, No. 2372.

**Mathesis**, Waterhouse, 1877.

*guttigera*, Waterhouse. T.E.S. 1877, p. 8.

## Family MELYRIDÆ.

**Dasytes**, Paykull, 1798.

*subcyaneus*, Broun. Man. N.Z. Coleop. 328, No. 596.  
*wakefieldi*, Sharp. Man. N.Z. Coleop. 329, No. 597.  
*cinerohirtus*, Broun. Man. N.Z. Coleop. 329, No. 598.  
*obscuricollis*, Broun. Man. N.Z. Coleop. 330, No. 599.  
*laticeps*, Broun. Man. N.Z. Coleop. 330, No. 600.  
*stewarti*, Broun. Man. N.Z. Coleop. 684, No. 1197.  
*constrictus*, Broun. Man. N.Z. Coleop. 781, No. 1392.  
*occipitalis*, Broun. Man. N.Z. Coleop. 782, No. 1393.  
*cheesemani*, Broun. Man. N.Z. Coleop. 902, No. 1611.  
*opaculus*, Broun. Man. N.Z. Coleop. 202, No. 1612.  
*helmsi*, Sharp. Man. N.Z. Coleop. 1147, No. 2035.  
*oreocharis*, Broun. Man. N.Z. Coleop. 1148, No. 2036.  
*littoralis*, Broun. Man. N.Z. Coleop. 1351, No. 2370.  
*æthiops*, Broun. Man. N.Z. Coleop. 1352, No. 2371.  
*nigripes*, Broun. A.M.N.H. 6, xv. 238.

**Arthracanthus**, Broun, 1886.

*planifrons*, Broun. Man. N.Z. Coleop. 781, No. 1391.

**Halyles**, Broun, 1886.

*nigrescens*, Broun. Man. N.Z. Coleop. 783, No. 1394.  
*brevicornis*, Broun. Man. N.Z. Coleop. 783, No. 1395.  
*semidilutus*, Broun. Man. N.Z. Coleop. 783, No. 1396.

## Family TELEPHORIDÆ.

**Asilis**, Broun, 1893.

**fulvithorax**, Broun. Man. N.Z. Coleop. 326, No. 591.  
**nigricans**, Broun. Man. N.Z. Coleop. 327, No. 592.  
**subnudus**, Broun. Man. N.Z. Coleop. 327, No. 593.  
**tenuiculus**, Broun. Man. N.Z. Coleop. 327, No. 594.  
**striatus**, Broun. Man. N.Z. Coleop. 328, No. 595.  
**tumidus**, Broun. Man. N.Z. Coleop. 684, No. 1195.  
**piliventer**, Broun. Man. N.Z. Coleop. 684, No. 1196.  
**lævigatus**, Broun. Man. N.Z. Coleop. 901, No. 1610.  
**coloratus**, Broun. Man. N.Z. Coleop. 1147, No. 2034.

## Family PTINIDÆ.

**Ptinus**, Linnæus, 1767.

**speciosus**, Broun. Man. N.Z. Coleop. 338, No. 614.  
**murinus**, White. Man. N.Z. Coleop. 338, No. 616.  
**pilosus**, White. Man. N.Z. Coleop. 338, No. 617.  
**littoralis**, Broun. Man. N.Z. Coleop. 1353, No. 2373.

## Sub-family ANOBIINÆ.

**Anobium**, Fabricius, 1775.

**amplicolle**, Broun. Man. N.Z. Coleop. 339, No. 618.  
**ruficorne**, Broun. Man. N.Z. Coleop. 340, No. 619.  
**tricostellum**, White. Man. N.Z. Coleop. 341, No. 623.  
**undulatum**, Broun. Man. N.Z. Coleop. 687, No. 1204.

**Xenogonus**, Broun, 1882.

**notatus**, Broun. Man. N.Z. Coleop. 340, No. 620.  
**granulatus**, Broun. Man. N.Z. Coleop. 341, No. 621.  
**sericeus**, Broun. Man. N.Z. Coleop. 341, No. 622.  
**pullus**, Broun. Man. N.Z. Coleop. 688, No. 1205.  
**furcus**, Broun. Man. N.Z. Coleop. 689, No. 1206.  
**versutus**, Broun. Man. N.Z. Coleop. 689, No. 1207.  
**plagiatus**, Broun. Man. N.Z. Coleop. 689, No. 1208.  
**ambiguus**, Broun. Man. N.Z. Coleop. 689, No. 1209.

**Ochina**, Sturm, 1837.

**vulgata**, Broun. Man. N.Z. Coleop. 342, No. 624.

**Sphindoteles**, Broun, 1881.

**atriventris**, Broun. Man. N.Z. Coleop. 687, No. 1203.

**Methemus**, Broun, 1903.

**griseipilus**, Broun (*Capnodes*). Man. N.Z. Coleop. 690,  
No. 1210.

**Dorcatoma**, Herbst, 1790.

**oblonga**, Broun. Man. N.Z. Coleop. 343, No. 625.  
**illustris**, Broun. Man. N.Z. Coleop. 343, No. 626.  
**lauta**, Broun. Man. N.Z. Coleop. 690, No. 1211.

**Euderia**, Broun, 1880.*squamosa*, Broun. Man. N.Z. Coleop. 344, No. 627.

## Family BOSTRICHIDÆ.

**Apate**, Fabricius, 1775.*minuta*, Fabricius. Man. N.Z. Coleop. 346, No. 628.

## Family CIOIDÆ.

**Cis**, Latreille, 1796.

*undulatus*, Broun. Man. N.Z. Coleop. 347, No. 630.  
*asimilis*, Broun. Man. N.Z. Coleop. 347, No. 631.  
*rufulus*, Broun. Man. N.Z. Coleop. 348, No. 632.  
*lineicollis*, Broun. Man. N.Z. Coleop. 348, No. 633.  
*flavitorsis*, Broun. Man. N.Z. Coleop. 348, No. 634.  
*asperimus*, Broun. Man. N.Z. Coleop. 349, No. 635.  
*cornuticeps*, Broun. Man. N.Z. Coleop. 349, No. 636.  
*illustris*, Broun. Man. N.Z. Coleop. 349, No. 637.  
*perpinguis*, Broun. Man. N.Z. Coleop. 350, No. 638.  
*anthracinus*, Broun. Man. N.Z. Coleop. 350, No. 639.  
*picturatus*, Broun. Man. N.Z. Coleop. 838, No. 1492.  
*obesulus*, Broun. Man. N.Z. Coleop. 839, No. 1493.  
*recurvatus*, Broun. Man. N.Z. Coleop. 784, No. 1398.  
*picicollis*, Broun. Man. N.Z. Coleop. 785, No. 1399.  
*viridiflavus*, Broun. Man. N.Z. Coleop. 785, No. 1400.  
*fultoni*, Broun. Man. N.Z. Coleop. 904, No. 1614.  
*piciceps*, Broun. Man. N.Z. Coleop. 904, No. 1615.

## Family PARNIDÆ.\*

**Potaminus**, Sturm, 1837.*angusticollis*, Pascoe. Man. N.Z. Coleop. 248, No. 439.**Alloparnus**, Broun, 1893.*agrestis*, Broun. Man. N.Z. Coleop. 249 and 1107, No. 440.**Protoparnus**, Sharp, 1886.*longulus*, Sharp. Man. N.Z. Coleop. 1107, No. 1965.

## Family BYRRHIDÆ.

**Nosodendron**, Latreille, 1807.*ovatum*, Broun. Man. N.Z. Coleop. 242, No. 429.*zealandicum*, Sharp. Man. N.Z. Coleop. 1106, No. 1694.

## Sub-family BYRRHINÆ.

**Curimus**, Erichson, 1846.*zealandicus*, Redtenbacher. Man. N.Z. Coleop. 243, No. 430.*anomalus*, Broun. Man. N.Z. Coleop. 243, No. 431.*striatus*, Broun. Man. N.Z. Coleop. 244, No. 432.*squamiferus*, Broun. Man. N.Z. Coleop. 1448, No. 2512.

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\* Duplicated by mistake; see *ante*, p. 153.

**Pedilophorus**, Steffahny, 1843.

**coruscans**, Pascoe. Man. N.Z. Coleop. 245, No. 433.  
**setarius**, Broun. Man. N.Z. Coleop. 245, No. 434.  
**rotundus**, Broun. Man. N.Z. Coleop. 671, No. 1171.  
**gemmeus**, Broun. Man. N.Z. Coleop. 769, No. 1363.  
**villosus**, Broun. Man. N.Z. Coleop. 900, No. 1608.  
**lætus**, Broun. Man. N.Z. Coleop. 1349, No. 2364.  
**lævipennis**, Broun. A.M.N.H. 6, xii. 190.  
**tibialis**, Broun. A.M.N.H. 6, xii. 191.  
**puncticeps**, Broun. A.M.N.H. 6, xii. 191.  
**picipes**, Broun. A.M.N.H. 6, xii. 191.  
**creperus**, Broun. A.M.N.H. 6, xii. 192.  
**probus**, Broun. A.M.N.H. 6, xii. 192.  
**granulatus**, Broun. A.M.N.H. 6, xii. 193.

**Liochoria**, Pascoe, 1875.

**huttoni**, Pascoe. Man. N.Z. Coleop. 246, No. 436.  
**sternalis**, Broun. A.M.N.H. 6, xii. 194.  
**orbicularis**, Broun. Man. N.Z. Coleop. 245, No. 435.  
**nigricans**, Broun. Man. N.Z. Coleop. 671, No. 1170.  
**insueta**, Broun. Man. N.Z. Coleop. 769, No. 1364.  
**mixta**, Broun. Man. N.Z. Coleop. 901, No. 1609.  
**nigralis**, Broun. Man. N.Z. Coleop. 1348, No. 2363.

**Cytillissus**, Broun, 1893.

**claviger**, Broun. A.M.N.H. 6, xii. 195.

## Sub-family LIMNICHINÆ.

**Limnichus**, Latreille, 1829.

**decorus**, Broun. Man. N.Z. Coleop. 247, No. 437.  
**punctatus**, Broun. Man. N.Z. Coleop. 247, No. 438.  
**picinus**, Broun. Man. N.Z. Coleop. 671, No. 1172.  
**nigripes**, Broun. Man. N.Z. Coleop. 1449, No. 2513.

## Sub-family ELMINÆ.\*

**Hydora**, Broun, 1886.

**picea**, Broun (*Pachycephala*). Man. N.Z. Coleop. 672, No. 1173.  
**nitida**, Broun (*Hydora*). Man. N.Z. Coleop. 927, No. 1664.  
**obsoleta**, Broun (*Hydora*). Man. N.Z. Coleop. 928, No. 1665.

## Family DERWESTIDÆ.

**Trogoderma**, Latreille, 1829.

**serrigerum**, Sharp. Man. N.Z. Coleop. 240, No. 426.  
**signatum**, Sharp. Man. N.Z. Coleop. 240, No. 427.  
**mæustum**, Broun. Man. N.Z. Coleop. 241, No. 428.  
**granulatum**, Broun. Man. N.Z. Coleop. 900, No. 1607.  
**punctatum**, Broun. Man. N.Z. Coleop. 953, No. 1718.  
**suffusum**, Broun. Man. N.Z. Coleop. 953, No. 1719.

\* Duplicated by mistake; see *ante*, p. 153.

**Trogoderma** 4-fasciatum, Broun. Man. N.Z. Coleop. 1105,  
No. 1962.  
**antennale**, Broun. Man. N.Z. Coleop. 1106, No. 1963.

Family LATHRIDIIDÆ.

**Holoparamecus**, Curtis, 1833.

**lucidus**, Broun. Man. N.Z. Coleop. 232, No. 408.  
**castaneus**, Broun. Man. N.Z. Coleop. 1448, No. 2515.

**Lathridius**, Herbst, 1793.

**antipodeus**, White. Man. N.Z. Coleop. 233, No. 409.  
**sculpturatus**, Broun. Man. N.Z. Coleop. 233, No. 410.  
**marginalis**, Broun. Man. N.Z. Coleop. 233, No. 411.  
**costulatus**, Broun. Man. N.Z. Coleop. 234, No. 412.  
**floridus**, Broun. Man. N.Z. Coleop. 234, No. 413.  
**bifoveatus**, Broun. Man. N.Z. Coleop. 834, No. 1483.  
**castaneus**, Broun. Man. N.Z. Coleop. 834, No. 1484.  
**priopterus**, Broun. Man. N.Z. Coleop. 898, No. 1602.  
**puncticeps**, Broun. Man. N.Z. Coleop. 898, No. 1603.  
**caviceps**, Broun. Man. N.Z. Coleop. 1447, No. 2510.

**Corticaria**, Marsham, 1802.

**angusticollis**, Broun. Man. N.Z. Coleop. 235, No. 414.  
**pubera**, Broun. Man. N.Z. Coleop. 235, No. 415.  
**fasciata**, Broun. Man. N.Z. Coleop. 235, No. 416.  
**hirtalis**, Broun. Man. N.Z. Coleop. 236, No. 417.  
**finitima**, Broun. Man. N.Z. Coleop. 236, No. 418.  
**variegata**, Broun. Man. N.Z. Coleop. 236, No. 419.  
**discoidea**, Broun. Man. N.Z. Coleop. 236 No. 420.  
**obesa**, Broun. Man. N.Z. Coleop. 237, No. 421.  
**pudibunda**, Broun. Man. N.Z. Coleop. 237, No. 422.  
**alacer**, Broun. Man. N.Z. Coleop. 237, No. 423.  
**tarsalis**, Broun. Man. N.Z. Coleop. 768, No. 1362.  
**pacata**, Broun. Man. N.Z. Coleop. 899, No. 1604.  
**erythrocephala**, Broun. Man. N.Z. Coleop. 899 No. 1605.  
**platyptera**, Broun. Man. N.Z. Coleop. 899, No. 1606.  
**semirufa**, Broun. Man. N.Z. Coleop. 952, No. 1716.  
**gilvipes**, Broun. Man. N.Z. Coleop. 953, No 1717.  
**amplipennis**, Broun. Man. N.Z. Coleop. 1104, No. 1960.  
**clarula**, Broun. A.M.N.H. 6, xv. 197.

**Rethusus**, Broun, 1886.

**pictulus**, Broun. Man. N.Z. Coleop. 835, No. 1485.  
**lachrymosus**, Broun. Man. N.Z. Coleop. 836, No. 1486.

**Diarthrocera**, Broun, 1893.

**formicæphila**, Broun. Man. N.Z. Coleop. 1348, No. 2362.

Family COCCINELLIDÆ.

**Coccinella**, Linnæus. 1735.

**tasmanii**, White. Man. N.Z. Coleop. 645, No. 1126.

**Coccinella coriacea**, Broun. Man. N.Z. Coleop. 1319, No. 2321.

**novæ-zealandiæ**, Colenso. T.N.Z.I. xx. 40.

**Leis**, Mulsant, 1851.

**antipodum**, Mulsant. Man. N.Z. Coleop. 645, No. 1128.

**Cranophorus**, Mulsant, 1851.

**venustus**, Pascoe. Man. N.Z. Coleop. 650, No. 1141.

**Scymnus**, Kugelann, 1794.

**eximius**, Broun. Man. N.Z. Coleop. 646, No. 1129.

**flavihirtus**, Broun. Man. N.Z. Coleop. 646, No. 1130.

**acceptus**, Broun. Man. N.Z. Coleop. 647, No. 1131.

**consors**, Broun. Man. N.Z. Coleop. 647, No. 1132.

**tristis**, Broun. Man. N.Z. Coleop. 647, No. 1133.

**pallidiceps**, Broun. Man. N.Z. Coleop. 648, No. 1134.

**fagus**, Broun. Man. N.Z. Coleop. 648, No. 1135.

**terrenus**, Broun. Man. N.Z. Coleop. 648, No. 1136.

**rarus**, Broun. Man. N.Z. Coleop. 649, No. 1137.

**suffusus**, Broun. Man. N.Z. Coleop. 649, No. 1138.

**minutulus**, Broun. Man. N.Z. Coleop. 649, No. 1139.

**picinus**, Broun. Man. N.Z. Coleop. 649, No. 1140.

**sedatus**, Broun. Man. N.Z. Coleop. 813, No. 1446.

**villosus**, Broun. Man. N.Z. Coleop. 814, No. 1447.

**circularis**, Sharp. Insect Life. 1889, p. 365.

**Holopsis**, Broun, 1886.

**nigellus**, Broun. Man. N.Z. Coleop. 814, No. 1448.

**pallidus**, Broun. Man. N.Z. Coleop. 815, No. 1449.

**lawsoni**, Broun. Man. N.Z. Coleop. 815, No. 1550.

**pictulus**, Broun. Man. N.Z. Coleop. 1503, No. 2588.

**rotundatus**, Broun. Man. N.Z. Coleop. 1503, No. 2589.

**Veronicobius**, Broun, 1893.

**hirtus**, Broun. Man. N.Z. Coleop. 1393, No. 2430.

#### Family MYCETOPHAGIDÆ.

**Typhæa**, Stephens, 1830.

**curvipes**, Broun. Man. N.Z. Coleop. 238, No. 424.

**hirta**, Broun. Man. N.Z. Coleop. 239, No. 425.

**Triphyllus**, Latreille. 1829.

**integritus**, Broun. Man. N.Z. Coleop. 1105, No. 1961.

**fuliginosus**, Broun. Man. N.Z. Coleop. 228, No. 401.

**substriatus**, Broun. Man. N.Z. Coleop. 229 No. 402.

**aciculatus**, Broun. Man. N.Z. Coleop. 229, No. 403.

**serratus**, Broun. Man. N.Z. Coleop. 229. No. 404.

**punctulatus**, Broun. Man. N.Z. Coleop. 230, No. 405.

**adspersus**, Broun. Man. N.Z. Coleop. 230, No. 406.

**hispidellus**, Broun. Man. N.Z. Coleop. 231 No. 407.

## Family EROTYLIDÆ.

**Cryptodacne**, Sharp, 1878.

- synthetica*, Sharp. Man. N.Z. Coleop. 641, No. 1122.
- lenis*, Broun. Man. N.Z. Coleop. 641, No. 1123.
- vagepunctata*, Broun. Man. N.Z. Coleop. 813, 1445.
- vittata*, Broun. Man. N.Z. Coleop. 873, No. 1554.
- pubescens*, Broun. Man. N.Z. Coleop. 1319, No. 2320.

**Triplax**, Paykull, 1798.

- brouni*, Pascoe. Man. N.Z. Coleop. 642, No. 1124.

**Thallis**, Erichson, 1842.

- polita*, White. Man. N.Z. Coleop. 643, No. 1125.

## Family CRYPTOPHAGIDÆ.

**Telmatophilus**, Heer, 1841.

- depressus*, Sharp. Man. N.Z. Coleop. 224, No. 391.
- nitens*, Sharp. Man. N.Z. Coleop. 224, No. 392.
- olivascens*, Broun. Man. N.Z. Coleop. 1104, No. 1959.

**Cryptophagus**, Herbst, 1792.

- australis*, Redtenbacher. Man. N.Z. Coleop. 225, No. 393.
- rubellus*, Broun. Man. N.Z. Coleop. 225, No. 394.
- rutilus*, Broun. Man. N.Z. Coleop. 226, No. 395.
- vestitus*, Broun. Man. N.Z. Coleop. 226, No. 396.
- sylvanus*, Broun. Man. N.Z. Coleop. 227, No. 397.
- angulifer*, Broun. Man. N.Z. Coleop. 227, No. 398.
- hispidulus*, Broun. Man. N.Z. Coleop. 227, No. 400.
- discoideus*, Broun. Man. N.Z. Coleop. 1345, No. 2360.
- distinctus*, Broun. Man. N.Z. Coleop. 1346, No. 2361.
- tumidus*, Broun. Man. N.Z. Coleop. 1445, No. 2507.
- obscurus*, Broun. Man. N.Z. Coleop. 1446, No. 2508.
- anthracinus*, Broun. Man. N.Z. Coleop. 1446, No. 2509.
- rufescens*, Blanchard. Voy. Pole Sud, iv. 53, pl. 4.

**Salltius**, Broun, 1893.

- ruficeps*, Broun. Man. N.Z. Coleop. 228 and 1347, No. 399.

**Paramecosoma**, Curtis, 1833.

- maculosum*, Broun. Man. N.Z. Coleop. 670, No. 1169.

## Family CUCUJIDÆ.

**Chætosoma**, Westwood, 1851.

- scaritides*, Westwood. Man. N.Z. Coleop. 767, No. 1360.

**Diagrypnodes**, Waterhouse, 1876.

- wakefieldi*, Waterhouse. Man. N.Z. Coleop. 217, No. 382.

**Dryocora**, Pascoe, 1868.

- howitti*, Pascoe. Man. N.Z. Coleop. 218, No. 383.

**Dendrophagus**, Schönherr, 1809.  
*umbrinus*, Smith. Cat. Coleop. Brit. Mus. 12.  
*capito*, Pascoe. Man. N.Z. Coleop. 219, No. 384.

**Parabrontes**, Redtenbacher, 1867.  
*silvanoides*, Redtenbacher. Man. N.Z. Coleop. 220, No. 386.  
*setiger*, Broun. Man. N.Z. Coleop. 768, No. 1361.

**Cryptamorpha**, Wollaston, 1854.  
*brevicornis*, White. Man. N.Z. Coleop. 221, No. 387.  
*curvipes*, Broun. Man. N.Z. Coleop. 221, No. 388.  
*suturalis*, White. Man. N.Z. Coleop. 222, No. 389.  
*lateritia*, Broun. Man. N.Z. Coleop. 222, No. 390.

**Picrotus**, Sharp, 1886.  
*thoracicus*, Sharp. Man. N.Z. Coleop. 1098, No. 1952.  
*sanguineus*, Broun. Man. N.Z. Coleop. 1098, No. 1953.

**Brontopriscus**, Sharp, 1886.  
*sinuatus*, Sharp. Man. N.Z. Coleop. 1099, No. 1954.  
*pleuralis*, Sharp. Man. N.Z. Coleop. 219, No. 385.

**Cathartocryptus**, Sharp, 1886.  
*obscurus*, Sharp. Man. N.Z. Coleop. 1100, No. 1955.

**Saphophagus**, Sharp, 1886.  
*minutus*, Sharp. Man. N.Z. Coleop. 1101, No. 1956.  
*ferrugineus*, Broun. Man. N.Z. Coleop. 1102, No. 1957.

**Tularthrum**, Broun, 1893.  
*lineatum*, Broun. Man. N.Z. Coleop. 1103, No. 1958.

**Thortus**, Broun, 1893.  
*ovalis*, Broun. Man. N.Z. Coleop. 1345, No. 2359.

#### Family RHYSODIDÆ.

**Rhysodes**, Dalman, 1823.  
*aterimus*, Broun. Man. N.Z. Coleop. 214, No. 377.  
*eminens*, Broun. Man. N.Z. Coleop. 215, No. 379.  
*orbitosus*, Broun. Man. N.Z. Coleop. 215, No. 380.  
*proprius*, Broun. Man. N.Z. Coleop. 216, No. 381.  
*pensus*, Broun. Man. N.Z. Coleop. 215, No. 378.

#### Family COLYDIIDÆ.

##### Sub-family TRICHOPTERYGINÆ.

**Trichopteryx**, Kirby, 1826.  
*inconspicua*, Matthews. Man. N.Z. Coleop. 1436, No. 2492.

**Ptenidium**, Erichson, 1845.  
*lawsoni*, Matthews. Man. N.Z. Coleop. 1437, No. 2493.  
*posticale*, Broun. Man. N.Z. Coleop. 1437, No. 2494.  
*proprium*, Broun. Man. N.Z. Coleop. 1438, No. 2495.  
*cavelli*, Broun. Man. N.Z. Coleop. 1438, No. 2496.

**Actidium**, Matthews, 1868.

lineare, Matthews. Man. N.Z. Coleop. 1439, No. 2497.

**Actinopteryx**, Matthews, 1872.

australis, Matthews. Man. N.Z. Coleop. 1440, No. 2498.

**Ptinella**, Motschoulski, 1844.

fauvelli, Matthews. Mon. Trichop. Suppl. 19.

Sub-family COLYDIINÆ.

**Tarphiomimus**, Wollaston, 1873.

indentatus, Wollaston. Man. N.Z. Coleop. 182, No. 324.

wollastoni, Sharp. Man. N.Z. Coleop. 1080, No. 1924.

**Dryptops**, Broun, 1886.

dorsalis, Broun. Man. N.Z. Coleop. 763, No. 1354.

undosus, Broun. Man. N.Z. Coleop. 764, No. 1355.

acuminatus, Broun. Man. N.Z. Coleop. 183, No. 325.

**Ulonotus**, Erichson, 1845.

antarcticus, White. Man. N.Z. Coleop. 187, No. 331.

discedens, Sharp. Man. N.Z. Coleop. 187, No. 332.

brouni, Sharp. Man. N.Z. Coleop. 188, No. 333.

viridipictus, Wollaston. Man. N.Z. Coleop. 188, No. 334.

asper, Sharp. Man. N.Z. Coleop. 189, No. 335.

integer, Sharp. Man. N.Z. Coleop. 189, No. 336.

lawsoni, Wollaston. Man. N.Z. Coleop. 189, No. 337.

aberrans, Broun. Man. N.Z. Coleop. 189, No. 338.

atratus, Broun. Man. N.Z. Coleop. 190, No. 339.

punctatus, Broun. Man. N.Z. Coleop. 894, No. 1595.

isostictus, Broun. Man. N.Z. Coleop. 926, No. 1661.

carus, Broun. Man. N.Z. Coleop. 947, No. 1706.

fuscatus, Broun. Man. N.Z. Coleop. 948, No. 1707.

rufescens, Broun. Man. N.Z. Coleop. 948, No. 1708.

cinereus, Broun. Man. N.Z. Coleop. 948, No. 1709.

integratus, Broun. Man. N.Z. Coleop. 949, No. 1710.

fulvus, Broun. Man. N.Z. Coleop. 1080, No. 1925.

dissimilis, Sharp. Man. N.Z. Coleop. 1081, No. 1926.

**Notoulus**, Broun, 1886 (substituted for *Ablabus*).

ornatus, Broun. Man. N.Z. Coleop. 184, No. 326.

pallidipictus, Broun. Man. N.Z. Coleop. 185, No. 327.

scabrus, Broun. Man. N.Z. Coleop. 185, No. 328.

fervidulus, Broun. Man. N.Z. Coleop. 186, No. 329.

punctipennis, Broun. Man. N.Z. Coleop. 186, No. 330.

brevis, Broun. Man. N.Z. Coleop. 763, No. 1353.

nodosus, Broun. Man. N.Z. Coleop. 894, No. 1594.

sparsus, Broun. Man. N.Z. Coleop. 947, No. 1704.

libentus, Broun. Man. N.Z. Coleop. 947, No. 1705.

facetus, Broun. Man. N.Z. Coleop. 1341, No. 2353.

**Bitoma**, Herbst, 1793.

*insularis*, White. Man. N.Z. Coleop. 192, No. 343.  
*vicina*, Sharp. Man. N.Z. Coleop. 193, No. 344.  
*distans*, Sharp. Man. N.Z. Coleop. 193, No. 345.  
*rugosa*, Sharp. Man. N.Z. Coleop. 193, No. 346.  
*nana*, Sharp. Man. N.Z. Coleop. 194, No. 347.  
*distincta*, Broun. Man. N.Z. Coleop. 194, No. 348.  
*discoidea*, Broun. Man. N.Z. Coleop. 195, No. 349.  
*lobata*, Broun. Man. N.Z. Coleop. 833, No. 1482.  
*scita*, Broun. Man. N.Z. Coleop. 895, No. 1596.  
*guttata*, Broun. Man. N.Z. Coleop. 895, No. 1597.  
*sellata*, Sharp. Man. N.Z. Coleop. 1081, No. 1927.  
*auriculata*, Sharp. Man. N.Z. Coleop. 1082, No. 1928.  
*serraticula*, Sharp. Man. N.Z. Coleop. 1083, No. 1929.  
*mundula*, Sharp. Man. N.Z. Coleop. 1083, No. 1930.

**Coxelus**, Latreille, 1829.\*

*dubius*, Sharp. Man. N.Z. Coleop. 196, No. 350.  
*similis*, Sharp. Man. N.Z. Coleop. 196, No. 351.  
*robustus*, Broun. Man. N.Z. Coleop. 197, No. 352.  
*clarus*, Broun. Man. N.Z. Coleop. 766, No. 1357.  
*grossanus*, Broun. Man. N.Z. Coleop. 927, No. 1662.  
*chalmeri*, Broun. Man. N.Z. Coleop. 949, No. 1711.  
*rufus*, Broun. Man. N.Z. Coleop. 1084, No. 1931.  
*posticalis*, Broun. Man. N.Z. Coleop. 1084, No. 1932.  
*ovicollis*, Broun. Man. N.Z. Coleop. 1084, No. 1933.  
*longulus*, Broun. Man. N.Z. Coleop. 1085, No. 1934.  
*oculator*, Broun. Man. N.Z. Coleop. 1342, No. 2354.  
*picicornis*, Broun. Man. N.Z. Coleop. 1342, No. 2355.  
*graniceps*, Broun. Man. N.Z. Coleop. 1343, No. 2356.  
*regularis*, Broun. Man. N.Z. Coleop. 1440, No. 2499.  
*thoracicus*, Broun. A.M.N.H. 6, xv. 194.

**Heterargus**, Sharp, 1886.

*rudis*, Sharp. Man. N.Z. Coleop. 1086, No. 1935.  
*serricollis*, Broun. Man. N.Z. Coleop. 1441, No. 2500.

**Gathocles**, Broun, 1893.

*nodosus*, Broun. Man. N.Z. Coleop. 1086, No. 1936.

**Vitiacus**, Broun, 1893.

*costatus*, Broun. Man. N.Z. Coleop. 1087, No. 1937.  
*costicollis*, Broun. Man. N.Z. Coleop. 1442, No. 2501.  
*incertus*, Broun. A.M.N.H. 6, xv. 195.

**Enarsus**, Pascoe, 1866.

*bakewellii*, Pascoe. Man. N.Z. Coleop. 199, No. 355.  
*wakefieldi*, Sharp. Man. N.Z. Coleop. 199, No. 356.

\* For this genus see A.M.N.H. 6, xv. 194.

**E**narsus *rudis*, Sharp. Man. N.Z. Coleop. 200, No. 357.  
*contractifrons*, Broun. Man. N.Z. Coleop. 200, No. 358.  
*probus*, Broun. Man. N.Z. Coleop. 1088, No. 1938.  
*cucullatus*, Sharp. Man. N.Z. Coleop. 1089, No. 1939.

**R**ytidinotus, Broun, 1880.  
*squamulosus*, Broun. Man. N.Z. Coleop. 204, No. 364.

**S**yncalus, Sharp, 1876.  
*optatus*, Sharp. Man. N.Z. Coleop. 201, No. 359.  
*politus*, Broun. Man. N.Z. Coleop. 201, No. 360.  
*hystrix*, Sharp. Man. N.Z. Coleop. 202, No. 361.  
*piciceps*, Broun. Man. N.Z. Coleop. 1092, No. 1942.  
*monroi*, Broun. Man. N.Z. Coleop. 1442, No. 2502.

**A**cosmetus, Broun, 1880.  
*oblongus*, Broun. Man. N.Z. Coleop. 197, No. 353.  
*granulatus*, Broun. Man. N.Z. Coleop. 197, No. 354.

**P**rotarphius, Broun, 1893.  
*ruficornis*, Broun. A.M.N.H. 6, xii. 184.  
*indentatus*, Broun. A.M.N.H. 6, xii. 185.  
*crassus*, Broun. Man. N.Z. Coleop. 669, No. 1167.

**R**ecyntus, Broun, 1886.  
*exiguus*, Broun. Man. N.Z. Coleop. 765, No. 1356.  
*tuberculatus*, Broun. Man. N.Z. Coleop. 191, No. 340.  
*insignis*, Broun. Man. N.Z. Coleop. 191, No. 341.  
*salebrosus*, Broun. Man. N.Z. Coleop. 192, No. 342.

**E**pistranus, Sharp, 1876.  
*lawsoni*, Sharp. Man. N.Z. Coleop. 203, No. 362.  
*humeralis*, Broun. Man. N.Z. Coleop. 203, No. 363.  
*parvus*, Broun. Man. N.Z. Coleop. 950, No. 1712.  
*optabilis*, Broun. Man. N.Z. Coleop. 1343, No. 2357.  
*hirtalis*, Broun. A.M.N.H. 6, xii. 189.

**N**orix, Broun, 1893.  
*crassus*, Broun. Man. N.Z. Coleop. 1091, No. 1941.

**G**lenentela, Broun, 1893.  
*serrata*, Broun. Man. N.Z. Coleop. 1090, No. 1940.

**I**thris, Pascoe, 1864.  
*gracilis*, Sharp. Man. N.Z. Coleop. 205, No. 365.

**R**hizonium, Sharp, 1877.  
*antiquum*, Sharp. Man. N.Z. Coleop. 206, No. 366.

**C**horasus, Sharp, 1882.  
*subcæcus*, Sharp. Man. N.Z. Coleop. 1093, No. 1943.

**L**ithostygnus, Broun, 1886.  
*costatus*, Broun. Man. N.Z. Coleop. 950, No. 1713.

**Ciconissus**, Broun, 1893.

**granifer**, Broun. A.M.N.H. 6, xii. 186.

Sub-family BOTHRIDERINÆ.

**Bothrideres**, Erichson, 1845.

**mæstus**, Sharp. Man. N.Z. Coleop. 207, No. 367.

**cognatus**, Sharp. Man. N.Z. Coleop. 1096, No. 1951.

**obsoletus**, Broun. A.M.N.H. 6, xv. 196.

Sub-family PYCNOMERINÆ.

**Pycnomerus**, Erichson, 1842.

**sophoræ**, Sharp. Man. N.Z. Coleop. 208, No. 368.

**simulans**, Sharp. Man. N.Z. Coleop. 209, No. 369.

**simplex**, Broun. Man. N.Z. Coleop. 209, No. 370.

**minor**, Sharp. Man. N.Z. Coleop. 209, No. 371.

**ellipticus**, Broun. Man. N.Z. Coleop. 210, No. 372.

**rufescens**, Broun. Man. N.Z. Coleop. 766, No. 1358.

**basalis**, Broun. Man. N.Z. Coleop. 766, No. 1359.

**carinellus**, Broun. Man. N.Z. Coleop. 896, No. 1598.

**cæcus**, Broun. Man. N.Z. Coleop. 896, No. 1599.

**hirtus**, Broun. Man. N.Z. Coleop. 897, No. 1600.

**lateralis**, Broun. Man. N.Z. Coleop. 897, No. 1601.

**arboreus**, Broun. Man. N.Z. Coleop. 927, No. 1663.

**cognatus**, Broun. Man. N.Z. Coleop. 951, No. 1714.

**marginalis**, Broun. Man. N.Z. Coleop. 1093, No. 1944.

**sinuatus**, Broun. Man. N.Z. Coleop. 1094, No. 1945.

**impressus**, Broun. Man. N.Z. Coleop. 1094, No. 1946.

**longulus**, Sharp. Man. N.Z. Coleop. 1095, No. 1947.

**helmsi**, Sharp. Man. N.Z. Coleop. 1095, No. 1948.

**sulcatissimus**, Sharp. Man. N.Z. Coleop. 1095, No. 1949.

**latitans**, Sharp. Man. N.Z. Coleop. 1096, No. 1950.

**angulatus**, Broun. Man. N.Z. Coleop. 1443, No. 2503.

**frontalis**, Broun. Man. N.Z. Coleop. 1443, No. 2504.

**elongellus**, Broun. Man. N.Z. Coleop. 1444, No. 2505.

**longipes**, Broun. Man. N.Z. Coleop. 1444, No. 2506.

**depressiusculus**, White. Voy. Ereb. and Terr. Ins. p. 18.

**Pycnomerodes**, Broun, 1886.

**peregrinus**, Broun. Man. N.Z. Coleop. 952, No. 1715.

Sub-family CERYLONINÆ.

**Philothermus**, Aubé, 1843.

**nitidus**, Sharp. Man. N.Z. Coleop. 211, No. 373.

**sanguineus**, Broun. Man. N.Z. Coleop. 211, No. 374.

**notabilis**, Broun. Man. N.Z. Coleop. 211, No. 375.

Family TROGOSITIDÆ.

**Trogosita**, Olivier, 1790.

**affinis**, White. Man. N.Z. Coleop. 177, No. 314.

**Leperina**, Erichson, 1844.

*nigrosparsa*, White. Man. N.Z. Coleop. 178, No. 315.  
*brounii*, Pascoe. Man. N.Z. Coleop. 178, No. 316.  
*sobrina*, White. Man. N.Z. Coleop. 178, No. 317.  
*wakefieldi*, Sharp. Man. N.Z. Coleop. 179, No. 318.  
*ambigua*, Broun. Man. N.Z. Coleop. 179, No. 319.  
*farinosa*, Broun. Man. N.Z. Coleop. 179, No. 320.

**Promanus**, Sharp, 1877.

*depressus*, Sharp. Man. N.Z. Coleop. 180, No. 321.  
*auripilus*, Broun. Man. N.Z. Coleop. 1079, No. 1922.

**Grynomia**, Sharp, 1877.

*fusca*, Sharp. Man. N.Z. Coleop. 181, No. 322.  
*diluta*, Sharp. Man. N.Z. Coleop. 181, No. 323.  
*viridescens*, Broun. Man. N.Z. Coleop. 893, No. 1593.  
*regularis*, Sharp. Man. N.Z. Coleop. 1079, No. 1923.  
*varians*, Broun. Man. N.Z. Coleop. 1340, No. 2351.  
*rugosa*, Broun. Man. N.Z. Coleop. 1341, No. 2352.

**Phycosecis**, Pascoe, 1875.

*discoidea*, Pascoe. Man. N.Z. Coleop. 359, No. 650.  
*atomaria*, Pascoe. Man. N.Z. Coleop. 359, No. 651.

## Family NITIDULIDÆ.

**Brachypeplus**, Erichson, 1842.

*brevicornis*, Sharp. Man. N.Z. Coleop. 168, No. 301.

**Epuræa**, Erichson, 1843.

*antarctica*, White. Man. N.Z. Coleop. 169, No. 302.  
*zealandica*, Sharp. Man. N.Z. Coleop. 169, No. 303.  
*signata*, Broun. Man. N.Z. Coleop. 169, No. 304.

**Homepuræa**, Broun, 1893.

*amœna*, Broun. Man. N.Z. Coleop. 171 and 1073, No. 307.

**Nitidula**, Fabricius, 1775.

*lateralis*, White. Man. N.Z. Coleop. 170, No. 305.  
*abbreviata*, Fabricius. Man. N.Z. Coleop. 171, No. 306.

**Soronia**, Erichson, 1843.

*hystrix*, Sharp. Man. N.Z. Coleop. 172, No. 308.  
*optata*, Sharp. Man. N.Z. Coleop. 172, No. 309.  
*morosa*, Broun. Man. N.Z. Coleop. 1074, No. 1917.  
*micans*, Broun. Man. N.Z. Coleop. 1074, No. 1918.

**Omosita**, Erichson, 1843.

*spinipes*, Broun. Man. N.Z. Coleop. 173, No. 310.  
*scutellaris*, Broun. Man. N.Z. Coleop. 173, No. 311.

**Xenoscelis**, Wollaston, 1864.

*prolixus*, Sharp. Man. N.Z. Coleop. 174, No. 312.

**Priates**, Broun, 1881.

`optandus`, Broun. Man. N.Z. Coleop. 669, No. 1136.

**Ips**, Fabricius, 1776.

`minimus`, Sharp. Man. N.Z. Coleop. 1078, No. 1921.

**Cyclaxyra**, Broun, 1893 (substituted for *Cyclomorpha*).

`politula`, Broun. Man. N.Z. Coleop. 668, No. 1165.

**Platipidia**, Broun, 1893.

`asperella`, Broun. Man. N.Z. Coleop. 1075, No. 1919.

**Priasilpha**, Broun, 1893.

`obscura`, Broun. Man. N.Z. Coleop. 1078, No. 1920.

Sub-family RHIZOPHAGINÆ.

**Lenax**, Sharp, 1877.

`mirandus`, Sharp. Man. N.Z. Coleop. 175, No. 313.

Sub-family ANISOTOMINÆ.

**Clambus**, Fisher, 1820.

`domesticus`, Broun. Man. N.Z. Coleop. 762, No. 1350.

`vestitus`, Broun. Man. N.Z. Coleop. 762, No. 1351.

`suffusus`, Broun. Man. N.Z. Coleop. 762, No. 1352.

Family HISTERIDÆ.

**Platysoma**, Leach, 1817.

`bakewelli`, Marseul. Man. N.Z. Coleop. 161, No. 291.

`cinnamoneus`, White. Man. N.Z. Coleop. 161, No. 292.

**Sternaulax**, Marseul, 1862.

`zealandicus`, Marseul. Man. N.Z. Coleop. 162, No. 293.

**Epierus**, Erichson, 1834.

`svylvanus`, Broun. Man. N.Z. Coleop. 163, No. 294.

`purus`, Broun. Man. N.Z. Coleop. 163, No. 295.

`abrogatus`, Broun. Man. N.Z. Coleop. 892, No. 1588.

`planiceps`, Broun. Man. N.Z. Coleop. 892, No. 1589.

`crenulatus`, Broun. Man. N.Z. Coleop. 892, No. 1590.

`simplex`, Broun. Man. N.Z. Coleop. 893, No. 1591.

`rusticus`, Broun. Man. N.Z. Coleop. 893, No. 1592.

**Saprinus**, Erichson, 1834.

`pseudocyanus`, White. Man. N.Z. Coleop. 164, No. 296.

`punctulipennis`, Broun. Man. N.Z. Coleop. 165, No. 297.

`latipes`, Broun. Man. N.Z. Coleop. 666, No. 1163.

**Pachylopus**, Erichson, 1834.

`pedator`, Sharp. Man. N.Z. Coleop. 165, No. 298.

`lepidulus`, Broun. Man. N.Z. Coleop. 665, No. 1162.

**Abræus**, Leach, 1817.

`brouni`, Lewis. Man. N.Z. Coleop. 166, No. 299.

**Abræus** *vividulus*, Broun. Man. N.Z. Coleop. 166, No. 300.  
*brunneus*, Broun. Man. N.Z. Coleop. 666, No. 1164.

Family SCAPIDIIDÆ.

**Scaphisoma**, Leach, 1812.

*concinnum*, Broun. Man. N.Z. Coleop. 158, No. 287.  
*scutellare*, Redtenbacher. Man. N.Z. Coleop. 159, No. 288.  
*tenellum*, Pascoe. Man. N.Z. Coleop. 159, No. 289.  
*apicellum*, Broun. Man. N.Z. Coleop. 160, No. 290.  
*actuosum*, Broun. Man. N.Z. Coleop. 664, No. 1159.

**Bæocera**, Erichson, 1845.

*rufa*, Broun. Man. N.Z. Coleop. 665, No. 1161.  
*rufipes*, Broun. Man. N.Z. Coleop. 833, No. 1481.  
*fulvicollis*, Broun. Man. N.Z. Coleop. 891, No. 1586.  
*armata*, Broun. Man. N.Z. Coleop. 891, No. 1587.

**Brachynopus**, Broun, 1881.

*latus*, Broun. Man. N.Z. Coleop. 664, No. 1160.

Family CORYLOPHIDÆ.

**Anisomeristes**, Matthews, 1886.

*sharpi*, Matthews. Ent. Mon. Mag. 1886, xxii. 425.  
*ater*, Matthews. Ent. Mon. Mag. 1886, xxii. 425.

**Sacina**, Broun, 1893.

*oblonga*, Broun. Man. N.Z. Coleop. 1071, No. 1913.

**Sericoderus**, Stephens, 1829.

*fulvicollis*, Broun. Man. N.Z. Coleop. 1072, No. 1914.  
*scutellaris*, Broun. Man. N.Z. Coleop. 1073, No. 1915.  
*basalis*, Broun. Man. N.Z. Coleop. 1073, No. 1916.

Family SILPHIDÆ.

**Necrophilus**, Latreille, 1829.

*prolongatus*, Sharp. Man. N.Z. Coleop. 760, No. 1349.

**Camiarus**, Sharp, 1876.

*thoraciclus*, Sharp. Man. N.Z. Coleop. 148, No. 270.  
*indiscretus*, Broun. Man. N.Z. Coleop. 149, No. 271.  
*convexus*, Sharp. Man. N.Z. Coleop. 150, No. 272.

**Inocatops**, Broun, 1893.

*compactus*, Broun. Man. N.Z. Coleop. 1066, No. 1907.  
*flectipes*, Broun. Man. N.Z. Coleop. 1067, No. 1908.  
*nigrescens*, Broun. Man. N.Z. Coleop. 1339, No. 2349.  
*concinnus*, Broun. Man. N.Z. Coleop. 150, No. 273.

**Microsilpha**, Broun, 1886.

*littorea*, Broun. Man. N.Z. Coleop. 895, No. 1584.

**Asphærites**, Broun, 1893.

*nitidus*, Broun. Man. N.Z. Coleop. 1068, No. 1909.

**Catopsolius**, Sharp, 1886.

*lævicollis*, Sharp. Man. N.Z. Coleop. 1069, No. 1910.

**Isocolon**, Broun, 1893.

*hilaris*, Broun. Man. N.Z. Coleop. 1070, No. 1912.

**Choleva**, Latreille, 1796.

*antennalis*, Broun. Man. N.Z. Coleop. 152, No. 274.

*alacris*, Broun. Man. N.Z. Coleop. 152, No. 275.

*granifer*, Broun. Man. N.Z. Coleop. 890, No. 1585.

*fulvitarsis*, Broun. Man. N.Z. Coleop. 946, No. 1702.

*lugubris*, Sharp. Man. N.Z. Coleop. 1069, No. 1911.

*relata*, Broun. Man. N.Z. Coleop. 1339, No. 2350.

*phyllobia*, Broun. Man. N.Z. Coleop. 1433, No. 2488.

*monticola*, Broun. Man. N.Z. Coleop. 1434, No. 2489.

*hunuensis*, Broun. Man. N.Z. Coleop. 1434, No. 2490.

*marginalis*, Broun. A.M.N.H. 6, xv. 87.

*suturalis*, Broun. A.M.N.H. 6, xv. 88.

**Allocatops**, Broun, 1893.

*ovalis*, Broun. Man. N.Z. Coleop. 1435, No. 2491.

**Mesocolon**, Broun, 1880.

*clathrata*, Broun. Man. N.Z. Coleop. 153, No. 276.

*liturata*, Broun. Man. N.Z. Coleop. 154, No. 277.

*puncticeps*, Broun. Man. N.Z. Coleop. 154, No. 278.

*undulata*, Broun. Man. N.Z. Coleop. 154, No. 279.

*bicolor*, Broun. Man. N.Z. Coleop. 155, No. 280.

*nebulosa*, Broun. Man. N.Z. Coleop. 155, No. 281.

*maculifer*, Broun. Man. N.Z. Coleop. 156, No. 282.

*hirtalis*, Broun. Man. N.Z. Coleop. 156, No. 283.

*punctulata*, Broun. Man. N.Z. Coleop. 157, No. 284.

*torva*, Broun. Man. N.Z. Coleop. 157, No. 285.

*domestica*, Broun. Man. N.Z. Coleop. 158, No. 286.

*varia*, Broun. Man. N.Z. Coleop. 946, No. 1703.

**Bæosilpha**, Broun, 1895.

*rufescens*, Broun. A.M.N.H. 6, xv. 85.

**Mesagyrtes**, Broun, 1895.

*scabripes*, Broun. A.M.N.H. 6, xv. 86.

**Silphotelus**, Broun, 1895.

*nitidus*, Broun. A.M.N.H. 6, xv. 84.

#### Family SCYDMÆNIIDÆ.

**Scydmænus**, Latreille, 1802.

*edwardsi*, Sharp. Man. N.Z. Coleop. 144, No. 264.

*ambiguus*, Broun. Man. N.Z. Coleop. 145, No. 265.

*puncticollis*, Broun. Man. N.Z. Coleop. 146, No. 266.

*princeps*, Broun. Man. N.Z. Coleop. 924, No. 1656.

*galerus*, Broun. Man. N.Z. Coleop. 924, No. 1657.

**Scydmænus elongellus**, Broun. Man. N.Z. Coleop. 1338,  
No. 2347.

- lætans**, Broun. Man. N.Z. Coleop. 663, No. 1158.
- cilipes**, Broun. A.M.N.H. 6, xii. 178.
- cedius**, Broun. A.M.N.H. 6, xii. 179.
- allocerus**, Broun. A.M.N.H. 6, xii. 179.
- brachycerus**, Broun. A.M.N.H. 6, xii. 180.
- xanthopus**, Broun. A.M.N.H. 6, xii. 181.
- heterarthus**, Broun. A.M.N.H. 6, xii. 181.
- relatus**, Broun. A.M.N.H. 6, xii. 182.
- insignis**, Broun. A.M.N.H. 6, xii. 182.

**Phaganophana**, King, 1864.

- setosa**, Sharp. Man. N.Z. Coleop. 146, No. 267.
- picicollis**, Broun. Man. N.Z. Coleop. 147, No. 268.
- calva**, Broun. Man. N.Z. Coleop. 147, No. 269.
- oreas**, Broun. Man. N.Z. Coleop. 925, No. 1658.
- lanosa**, Broun. Man. N.Z. Coleop. 925, No. 1659.
- angustata**, Broun. Man. N.Z. Coleop. 926, No. 1660.
- planiceps**, Broun. Man. N.Z. Coleop. 1063, No. 1900.
- munroi**, Broun. Man. N.Z. Coleop. 1063, No. 1901.
- antennalis**, Broun. Man. N.Z. Coleop. 1064, No. 1902.
- stenocera**, Broun. Man. N.Z. Coleop. 1064, No. 1903.
- latiuscula**, Broun. Man. N.Z. Coleop. 1064, No. 1904.
- sanguinea**, Broun. Man. N.Z. Coleop. 1065, No. 1905.
- erythronota**, Broun. Man. N.Z. Coleop. 1065, No. 1906.
- ovipennis**, Broun. Man. N.Z. Coleop. 1339, No. 2348.
- russata**, Broun. Man. N.Z. Coleop. 1432, No. 2485.
- monilifer**, Broun. Man. N.Z. Coleop. 1432, No. 2486.
- angulata**, Broun. Man. N.Z. Coleop. 1433, No. 2487.

**Sciacharis**, Broun, 1893.

- fulva**, Broun. Man. N.Z. Coleop. 1062, No. 1899.

#### Family PSELAPHIDÆ.\*

**Tyrus**, Aubé, 1833.

- crassipes**, Broun. Man. N.Z. Coleop. 1337, No. 2345.

**Euglyptus**, Broun, 1893.

- elegans**, Broun. Man. N.Z. Coleop. 1412, No. 2460.
- costifer**, Broun. A.H.N.H. 6, xii. 166.

**Microtyrus**, Broun, 1893.

- punctatus**, Broun. Man. N.Z. Coleop. 1413, No. 2461.

**Tyrogetus**, Broun, 1893.

- optandus**, Broun. A.H.N.H. 6, xii. 166.

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\* See A.M.N.H. 6, xv. 68.

**Hamotulus**, Schaufuss, 1887.

**mutandus**, Sharp. Man. N.Z. Coleop. 121, No. 225.  
**armatus**, Broun. Man. N.Z. Coleop. 1043, No. 1866.  
**spinipes**, Broun. Man. N.Z. Coleop. 1411, No. 2459.  
**sternalis**, Broun. A.M.N.H. 6, xii. 168.  
**curvipes**, Broun. A.M.N.H. 6, xii. 170.

**Pselaphus**, Herbst, 1792.

**pauper**, Sharp. Man. N.Z. Coleop. 122, No. 226.  
**pilistriatus**, Broun. Man. N.Z. Coleop. 123, No. 227.  
**dulcis**, Broun. Man. N.Z. Coleop. 660, No. 1153.  
**cæcus**, Broun. Man. N.Z. Coleop. 943, No. 1696.  
**delicatus**, Broun. Man. N.Z. Coleop. 943, No. 1697.  
**fuscopilus**, Broun. Man. N.Z. Coleop. 944, No. 1698.  
**citimus**, Broun. Man. N.Z. Coleop. 1043, No. 1867.  
**meliusculus**, Broun. Man. N.Z. Coleop. 1044, No. 1868.  
**cavelli**, Broun. Man. N.Z. Coleop. 1414, No. 2462.  
**sulcicollis**, Broun. Man. N.Z. Coleop. 1415, No. 2463.

**Gastrobothrus**, Broun, 1886 = *Physa*, Raffray, 1890 (not of Draparnaud, 1801).

**inflata**, Sharp. Man. N.Z. Coleop. 124, No. 228.  
**sharpî**, Broun. Man. N.Z. Coleop. 124, No. 229.  
**abdominalis**, Broun. Man. N.Z. Coleop. 125 and 758,  
No. 230.

**Eupines**, King, 1864.

**rudicornis**, Broun. Man. N.Z. Coleop. 759, No. 1347.  
**micans**, Sharp. Man. N.Z. Coleop. 126, No. 231.  
**clavata**, Broun. Man. N.Z. Coleop. 126, No. 232.  
**picipes**, Broun. Man. N.Z. Coleop. 127, No. 233.  
**dispar**, Sharp. Man. N.Z. Coleop. 127, No. 234.  
**impressifrons**, Broun. Man. N.Z. Coleop. 128, No. 235.  
**mundâ**, Broun. Man. N.Z. Coleop. 129, No. 236.  
**crassicornis**, Broun. Man. N.Z. Coleop. 129, No. 237.  
**deformis**, Sharp. Man. N.Z. Coleop. 130, No. 238.  
**impar**, Sharp. Man. N.Z. Coleop. 130, No. 239.  
**grata**, Sharp. Man. N.Z. Coleop. 131, No. 240.  
**altula**, Broun. Man. N.Z. Coleop. 131, No. 241.  
**nasuta**, Broun. Man. N.Z. Coleop. 132, No. 242.  
**sanguinea**, Broun. Man. N.Z. Coleop. 132, No. 242.  
**pagana**, Broun. Man. N.Z. Coleop. 660, No. 1154.  
**ignota**, Broun. Man. N.Z. Coleop. 661, No. 1155.  
**glabrata**, Broun. Man. N.Z. Coleop. 830, No. 1476.  
**nemoralis**, Broun. Man. N.Z. Coleop. 831, No. 1477.  
**punctata**, Broun. Man. N.Z. Coleop. 831, No. 1478.  
**calcarata**, Broun. Man. N.Z. Coleop. 831, No. 1479.  
**sylvicola**, Broun. Man. N.Z. Coleop. 919, No. 1645.  
**fraudulenta**, Broun. Man. N.Z. Coleop. 944, No. 1699.

**Eupines euplectoides**, Broun. Man. N.Z. Coleop. 1045, No. 1869.  
**decens**, Broun. Man. N.Z. Coleop. 1046, No. 1870.  
**munroi**, Broun. T.N.Z.I. xxii. 231; Man. N.Z. Coleop. 1046, No. 1871.  
**forficulida**, Broun. T.N.Z.I. xxii. 232; Man. N.Z. Coleop. 1047, No. 1872.  
**foveatissima**, Broun. T.N.Z.I. xxii. 233; Man. N.Z. Coleop. 1047, No. 1873.  
**platynota**, Broun. Man. N.Z. Coleop. 1338, No. 2346.  
**conspicua**, Broun. Man. N.Z. Coleop. 1415, No. 2464.  
**costata**, Broun. Man. N.Z. Coleop. 1416, No. 2465.  
**platyarthra**, Broun. Man. N.Z. Coleop. 1417, No. 2466.  
**mundula**, Broun. Man. N.Z. Coleop. 1417, No. 2467.  
**fulvitarsis**, Broun. Man. N.Z. Coleop. 1418, No. 2468.

**Parmipalpus**, Broun, 1881.  
**montivagus**, Broun. Man. N.Z. Coleop. 662, No. 1156.

**Startes**, Broun, 1886.  
**sculpturata**, Broun. Man. N.Z. Coleop. 830, No. 1475.  
**foveata**, Broun. A.M.N.H. 6, xii. 170.

**Dalma**, Sharp, 1874.  
**pubescens**, Sharp. Man. N.Z. Coleop. 133, No. 244.

**Dalmisus**, Sharp, 1886.  
**batisodes**, Sharp. Man. N.Z. Coleop. 1049, No. 1874.

**Sagola**, Sharp, 1874.  
**major**, Sharp. Man. N.Z. Coleop. 135, No. 246.  
**prisca**, Sharp. Man. N.Z. Coleop. 136, No. 247.  
**misella**, Sharp. Man. N.Z. Coleop. 136, No. 248.  
**parva**, Sharp. Man. N.Z. Coleop. 136, No. 249.  
**pulcher**, Broun. Man. N.Z. Coleop. 137, No. 250.  
**notabilis**, Broun. Man. N.Z. Coleop. 137, No. 251.  
**deformipes**, Broun. Man. N.Z. Coleop. 138, No. 252.  
**denticollis**, Broun. Man. N.Z. Coleop. 138, No. 253.  
**genalis**, Broun. Man. N.Z. Coleop. 663, No. 1157.  
**terricola**, Broun. Man. N.Z. Coleop. 832, No. 1480.  
**castanea**, Broun. Man. N.Z. Coleop. 884, No. 1573.  
**excavata**, Broun. Man. N.Z. Coleop. 884, No. 1574.  
**sulcator**, Broun. Man. N.Z. Coleop. 885, No. 1575.  
**osculans**, Broun. Man. N.Z. Coleop. 885, No. 1576.  
**fovealis**, Broun. Man. N.Z. Coleop. 886, No. 1577.  
**elevata**, Broun. Man. N.Z. Coleop. 886, No. 1578.  
**brevitarsis**, Broun. Man. N.Z. Coleop. 887, No. 1579.  
**bipunctata**, Broun. Man. N.Z. Coleop. 887, No. 1580.  
**duplicata**, Broun. Man. N.Z. Coleop. 888, No. 1581.  
**tenuis**, Broun. Man. N.Z. Coleop. 888, No. 1582.

**Sagola convexa**, Broun. Man. N.Z. Coleop. 889, No. 1583.  
**insignis**, Broun. Man. N.Z. Coleop. 1049, No. 1875.  
**hirtalis**, Broun. Man. N.Z. Coleop. 1050, No. 1876.  
**sobrina**, Broun. Man. N.Z. Coleop. 1050, No. 1877.  
**rectipes**, Broun. Man. N.Z. Coleop. 1051, No. 1878.  
**insolens**, Broun. Man. N.Z. Coleop. 1051, No. 1879.  
**punctata**, Broun. Man. N.Z. Coleop. 1052, No. 1880.  
**fulva**, Broun. Man. N.Z. Coleop. 1052, No. 1881.  
**ruficeps**, Broun. Man. N.Z. Coleop. 1053, No. 1882.  
**parallela**, Broun. Man. N.Z. Coleop. 1053, No. 1883.  
**anisarthra**, Broun. Man. N.Z. Coleop. 1053, No. 1884.  
**macronyx**, Broun. Man. N.Z. Coleop. 1418, No. 2466.  
**mimica**, Broun. Man. N.Z. Coleop. 1419, No. 2467.  
**robusta**, Broun. Man. N.Z. Coleop. 1420, No. 2468.  
**laminata**, Broun. Man. N.Z. Coleop. 1421, No. 2469.  
**immota**, Broun. Man. N.Z. Coleop. 1422, No. 2470.  
**flavipes**, Broun. Man. N.Z. Coleop. 1422, No. 2471.  
**elongata**, Broun. Man. N.Z. Coleop. 1423, No. 2472.  
**gracilis**, Broun. Man. N.Z. Coleop. 1424, No. 2473.  
**lineata**, Broun. A.M.N.H. 6, xii. 175.  
**pertinax**, Broun. A.M.N.H. 6, xii. 176.  
**citima**, Broun. A.M.N.H. 6, xii. 177.  
**rugifrons**, Broun. A.M.N.H. 6, xv. 73.  
**spinifer**, Broun. A.M.N.H. 6, xv. 75.  
**eminens**, Broun. A.M.N.H. 6, xv. 75.  
**punctulata**, Raffray. Rev. Ent. Fr. 1893, 22.  
**frontalis**, Raffray. Rev. Ent. Fr. 1893, 23.  
**sharpi**, Raffray. Rev. Ent. Fr. 1893, 26.  
**brevicornis**, Raffray. Rev. Ent. Fr. 1893, 27.

**Exeirarthra**, Broun, 1893.  
**enigma**, Broun. Man. N.Z. Coleop. 1054, No. 1885.  
**pallida**, Broun. Man. N.Z. Coleop. 1424, No. 247.

**Vidanus**, Raffray, 1898.  
**convexus**, Sharp. Man. N.Z. Coleop. 139, No. 254.

**Sagolonus**, Raffray, 1898.  
**patronus**, Broun. Man. N.Z. Coleop. 1060, No. 1896.

**Zelandius**, Raffray, 1898.  
**asper**, Broun. Man. N.Z. Coleop. 140, No. 256.

**Whitea**, Hutton, 1894 = *Brounia*, Raffray, 1898 (not of Sharp, 1878).  
**lævifrons**, Broun. Man. N.Z. Coleop. 1425, No. 2475.

**Plectomorphus**, Raffray, 1898.  
**spinifer**, Broun. Man. N.Z. Coleop. 1426, No. 2476.

**Euplectus (?)**, Leach, 1817.  
**trisulcicollis**, Broun. Man. N.Z. Coleop. 140, No. 255.

**Euplectus longulus**, Broun. Man. N.Z. Coleop. 141, No.

257.

- opacus**, Sharp. Man. N.Z. Coleop. 141, No. 258.
- sculpturatus**, Broun. Man. N.Z. Coleop. 142, No. 259.
- frontalis**, Broun. Man. N.Z. Coleop. 142, No. 260.
- brevitarsis**, Broun. Man. N.Z. Coleop. 143, No. 261.
- ovicollis**, Broun. Man. N.Z. Coleop. 143, No. 262.
- foveolatus**, Broun. Man. N.Z. Coleop. 143, No. 263.
- tuberigerus**, Broun. Man. N.Z. Coleop. 760, No. 1348.
- crassipes**, Broun. Man. N.Z. Coleop. 919, No. 1646.
- patruelis**, Broun. Man. N.Z. Coleop. 919, No. 1647.
- monticola**, Broun. Man. N.Z. Coleop. 920, No. 1648.
- ovithorax**, Broun. Man. N.Z. Coleop. 920, No. 1649.
- obnisus**, Broun. Man. N.Z. Coleop. 921, No. 1650.
- vacuus**, Broun. Man. N.Z. Coleop. 921, No. 1651.
- incomptus**, Broun. Man. N.Z. Coleop. 921, No. 1652.
- mirificus**, Broun. Man. N.Z. Coleop. 922, No. 1653.
- u-impressus**, Broun. Man. N.Z. Coleop. 923, No. 1654.
- cereus**, Broun. Man. N.Z. Coleop. 923, No. 1655.
- eminens**, Broun. Man. N.Z. Coleop. 945, No. 1700.
- auripilus**, Broun. Man. N.Z. Coleop. 945, No. 1701.
- mærens**, Broun. Man. N.Z. Coleop. 1055, 1886.
- lepidhorus**, Broun. Man. N.Z. Coleop. 1056, No. 1887.
- validus**, Broun. Man. N.Z. Coleop. 1056, No. 1888.
- scruposus**, Broun. Man. N.Z. Coleop. 1057, No. 1889.
- allocephalus**, Broun. Man. N.Z. Coleop. 1057, No. 1890.
- acuminatus**, Broun. Man. N.Z. Coleop. 1058, No. 1891.
- clevedonensis**, Broun. Man. N.Z. Coleop. 1058, No. 1892.
- sandageri**, Broun. Man. N.Z. Coleop. 1059, No. 1893.
- personatus**, Broun. Man. N.Z. Coleop. 1059, No. 1894.
- unicus**, Broun. Man. N.Z. Coleop. 1060, No. 1895.
- verticalis**, Broun. Man. N.Z. Coleop. 1061, No. 1897.
- antiquus**, Broun. Man. N.Z. Coleop. 1061, No. 1898.
- munroi**, Broun. Man. N.Z. Coleop. 1426, No. 2477.
- obscurus**, Broun. Man. N.Z. Coleop. 1427, No. 2478.
- coxalis**, Broun. Man. N.Z. Coleop. 1428, No. 2479.
- inscitus**, Broun. Man. N.Z. Coleop. 1428, No. 2480.
- iracundus**, Broun. Man. N.Z. Coleop. 1429, No. 2481.
- caudatus**, Broun. Man. N.Z. Coleop. 1429, No. 2482.
- claviger**, Broun. Man. N.Z. Coleop. 1480, No. 2483.
- tumipes**, Broun. A.M.N.H. 6, xv. 76.
- parvulus**, Broun. A.M.N.H. 6, xv. 77.
- modestus**, Broun. A.M.N.H. 6, xv. 78.
- arohaensis**, Broun. A.M.N.H. 6, xv. 79.
- foveiceps**, Broun. A.M.N.H. 6, xv. 80.
- semiopacus**, Broun. A.M.N.H. 6, xv. 81.
- pusillus**, Broun. A.M.N.H. 6, xv. 82.

## Family STAPHYLINIDÆ.

## Sub-family ALEOCHARINÆ.

**Falagria**, Mannerheim, 1830.

*micans*, Broun. Man. N.Z. Coleop. 96, No. 176.

*subopaca*, Broun. Man. N.Z. Coleop. 1405, No. 2449.

**Ocalea**, Erichson, 1837.

*socialis*, Broun. Man. N.Z. Coleop. 90, No. 167.

*crepera*, Broun. A.M.N.H. 6, xiv. 380.

**Aleochara**, Gravenhorst, 1802.

*puber*, Broun. Man. N.Z. Coleop. 90, No. 166.

*semifusca*, Broun. A.M.N.H. 6, xiv. 386

*subænea*, Fauvel. Man. N.Z. Coleop. 91, No. 167.

**Calodera**, Mannerheim, 1830.

*flavescens*, Broun. Man. N.Z. Coleop. 93, No. 171.

*optabilis*, Broun. Man. N.Z. Coleop. 94, No. 172.

*æraria*, Broun. Man. N.Z. Coleop. 94, No. 173.

*thoracica*, Broun. Man. N.Z. Coleop. 95, No. 174.

*fulgens*, Broun. Man. N.Z. Coleop. 95, No. 175.

*algophila*, Broun. Man. N.Z. Coleop. 941, No. 1693.

*sericophora*, Broun. A.M.N.H. 6, xiv. 381.

*granifer*, Broun. A.M.N.H. 6, xiv. 381.

*diversa*, Broun. A.M.N.H. 6, xiv. 382.

*vestita*, Broun. A.M.N.H. 6, xiv. 383.

*tumidella*, Broun. A.M.N.H. 6, xiv. 383.

*bituberculata*, Broun. A.M.N.H. 6, xiv. 384.

*fungicola*, Broun. A.M.N.H. 6, xiv. 384.

*rufipennis*, Broun. Man. N.Z. Coleop. 92, No. 170.

**Tachyusa**, Erichson, 1837.

*fuscicornis*, Broun. Man. N.Z. Coleop. 92, No. 169.

**Homalota**, Mannerheim, 1825.

*cornigera*, Broun. Man. N.Z. Coleop. 91, No. 165.

*atriceps*, Broun. Man. N.Z. Coleop. 91, No. 164.

**Polylobus**, Solsky, 1851.

*sternalis*, Broun. Man. N.Z. Coleop. 88, No. 160.

**Aphytopus**, Sharp, 1886.

*gracilis*, Sharp. Man. N.Z. Coleop. 1025, No. 1835.

**Gyrophæna**, Mannerheim, 1830.

*punctata*, Broun. Man. N.Z. Coleop. 87, No. 159.

*nugax*, Broun. Man. N.Z. Coleop. 88, No. 161.

*densicornis*, Broun. Man. N.Z. Coleop. 89, No. 162.

*versicolor*, Broun. Man. N.Z. Coleop. 89, No. 163.

*atriceps*, Broun. Man. N.Z. Coleop. 89, No. 164.

**Encephalus**, Stephens, 1832.

*latulus*, Broun. A.M.N.H. 6, xiv. 386.

## Sub-family DIGRAMMINÆ.

**Digrammus**, Fauvel, 1900.**miricollis**, Fauvel. Rev. Ent. Fr. xix. 124.

## Sub-family TACHYPORINÆ.

**Conurus**, Stephens, 1832.

**largulus**, Broun. Man. N.Z. Coleop. 97, No. 177.  
**austerus**, Broun. Man. N.Z. Coleop. 97, No. 178.  
**subruber**, Broun. Man. N.Z. Coleop. 98, No. 179.  
**badius**, Broun. Man. N.Z. Coleop. 98, No. 180.  
**flavithorax**, Broun. Man. N.Z. Coleop. 98, No. 181.  
**acerbus**, Broun. Man. N.Z. Coleop. 99, No. 182.  
**atricapillus**, Broun. Man. N.Z. Coleop. 99, No. 183.  
**auricomus**, Broun. Man. N.Z. Coleop. 100, No. 184.  
**nubilus**, Broun. Man. N.Z. Coleop. 100, 185.  
**maculosus**, Broun. Man. N.Z. Coleop. 100, No. 186.  
**maorinus**, Broun. Man. N.Z. Coleop. 1025, No. 1836.  
**brevicornis**, Broun. Man. N.Z. Coleop. 1405, No. 2450.  
**niticollis**, Broun. Man. N.Z. Coleop. 1406, No. 2451.

## Sub-family STAPHYLININÆ.

**Quedius**, Stephens, 1832.

**ruficornis**, Broun. Man. N.Z. Coleop. 111, No. 205.  
**æneoceps**, Broun. Man. N.Z. Coleop. 111, No. 206.  
**enodis**, Broun. Man. N.Z. Coleop. 111, No. 207.  
**veterarius**, Broun. Man. N.Z. Coleop. 112, No. 208.  
**vividus**, Broun. Man. N.Z. Coleop. 112, No. 209.  
**arctifrons**, Broun. Man. N.Z. Coleop. 112, No. 210.  
**fuscatus**, Broun. Man. N.Z. Coleop. 1027, No. 1839.  
**antipodus**, Sharp. Man. N.Z. Coleop. 1028, No. 1840.  
**edwardsi**, Sharp. Man. N.Z. Coleop. 1029, No. 1841.  
**insolitus**, Sharp. Man. N.Z. Coleop. 1029, No. 1842.  
**latifrons**, Sharp. Man. N.Z. Coleop. 1030, No. 1843.  
**discrepans**, Broun. Man. N.Z. Coleop. 1030, No. 1844.  
**latimanus**, Broun. Man. N.Z. Coleop. 1031, No. 1845.  
**collinus**, Broun. Man. N.Z. Coleop. 1031, No. 1846.  
**cavelli**, Broun. Man. N.Z. Coleop. 1032, No. 1847.  
**agathis**, Broun. Man. N.Z. Coleop. 1407, No. 2453.  
**sciticollis**, Broun. A.M.N.H. 6, xiv. 420.  
**conspicuellus**, Broun. A.M.N.H. 6, xiv. 421.  
**scutellaris**, Broun. A.M.N.H. 6, xiv. 422.  
**puncticollis**, Broun. A.M.N.H. 6, xiv. 422.  
**ambiguus**, Broun. A.M.N.H. 6, xiv. 423.  
**taieriensis**, Broun. A.M.N.H. 6, xiv. 424.

**Cafioquedus**, Sharp, 1866.**gularis**, Sharp. Man. N.Z. Coleop. 1033, No. 1848.

**Staphylinus**, Linnæus, 1758.

**oculatus**, Fabrictius. Man. N.Z. Coleop. 107, No. 199.  
**huttoni**, Broun. Man. N.Z. Coleop. 108, No. 200.

**Xantholinus**, Serville, 1825.

**sharpi**, Broun. Man. N.Z. Coleop. 102, No. 188.  
**cultus**, Broun. Man. N.Z. Coleop. 103, No. 189.  
**arecæ**, Broun. Man. N.Z. Coleop. 103, No. 190.  
**mediocris**, Broun. Man. N.Z. Coleop. 104, No. 191.  
**labralis**, Broun. Man. N.Z. Coleop. 104, No. 192.  
**socius**, Fauvel. Man. N.Z. Coleop. 104, No. 193.  
**puncticeps**, Broun. Man. N.Z. Coleop. 104, No. 195.

**Pachycorynus**, Motschulsky, 1858.

**dimorphus**, Fauvel. Rev. Ent. Soc. Fr. 1892, 92.

**Metoponcus**, Kraatz, 1857.

**brouni**, Sharp. Man. N.Z. Coleop. 106, No. 196.  
**fulvipes**, Broun. Man. N.Z. Coleop. 106, No. 197.  
**rufulus**, Broun. Man. N.Z. Coleop. 106, No. 198.

**Cafius**, Leach, 1830.

**litoreus**, Broun. Man. N.Z. Coleop. 108, No. 201.  
**maritimus**, Broun. Man. N.Z. Coleop. 109, No. 202.  
**quadri-impressus** (fem.), White. Man. N.Z. Coleop. 108,  
 No. 201 = *caviceps* (male), Broun. Man. N.Z. Coleop.  
 942, No. 1694.  
**alophilus**, Broun. A.M.N.H. 6, xiv. 419.

**Othius**, Stephens, 1832.

**adustus**, Broun. Man. N.Z. Coleop. 101, No. 187.  
**angustus**, Broun. Man. N.Z. Coleop. 1026, No. 1837.  
**puncticeps**, Broun. A.M.N.H. 6, xiv. 419.

## Sub-family PÆDERINÆ.

**Lithocharis**, Lacordaire, 1835.

**zealandicus**, Redtenbacher. Man. N.Z. Coleop. 114, No.  
 212.  
**mandibularis**, Broun. Man. N.Z. Coleop. 114, No. 213.  
**ventralis**, Broun. Man. N.Z. Coleop. 115, No. 214.  
**cæcus**, Broun. A.M.N.H. 6, xiv. 424.

**Phanophilus**, Sharp, 1886.

**comptus**, Broun. Man. N.Z. Coleop. 1026 and 114, No.  
 211.

**Hyperomma**, Fauvel, 1878.

**dispersum**, Fauvel. Man. N.Z. Coleop. 1408, No. 2454.  
**mandibulare**, Broun. Man. N.Z. Coleop. 1409, No. 2455.  
**duplicatum**, Broun. Man. N.Z. Coleop. 1409, No. 2456.  
**sanguineum**, Broun. A.M.N.H. 6, xiv. 425.

## Sub-family OXYTELINÆ.

**Coprostygnus**, Sharp, 1886*sculptipennis*, Sharp. Man. N.Z. Coleop. 1027, No. 1838.  
*optandus*, Broun. Man. N.Z. Coleop. 1409, No. 2457.**Holotrochus**, Erichson, 1840.*ferrugineus*, Broun. Man. N.Z. Coleop. 1034, No. 1849.  
*brevipennis*, Broun. Man. N.Z. Coleop. 1034, No. 1850.

## Sub-family OMALINÆ.

**Omalium**, Gravenhorst, 1802.*hebes*, Broun. Man. N.Z. Coleop. 116, No. 215.  
*sculcithorax*, Broun. Man. N.Z. Coleop. 116, No. 216.  
*agrestis*, Broun. Man. N.Z. Coleop. 117, No. 217.  
*spadix*, Broun. Man. N.Z. Coleop. 117, No. 218.  
*pullum*, Broun. Man. N.Z. Coleop. 120, No. 223.  
*tibiale*, Broun. Man. N.Z. Coleop. 120, No. 224.  
*littoreum*, Broun. Man. N.Z. Coleop. 942, No. 1695.  
*sagoloide*, Sharp. Man. N.Z. Coleop. 1035, No. 1851.  
*actobium*, Broun. Man. N.Z. Coleop. 1035, No. 1852.  
*cariniferum*, Broun. Man. N.Z. Coleop. 1036, No. 1853.  
*antipodum*, Broun. Man. N.Z. Coleop. 1036, No. 1854.  
*chalmeri*, Broun. Man. N.Z. Coleop. 1037, No. 1855.  
*micarthrum*, Broun. Man. N.Z. Coleop. 1037, No. 1856.  
*cognatum*, Broun. Man. N.Z. Coleop. 1038, No. 1857.  
*monilifer*, Broun. Man. N.Z. Coleop. 1038, No. 1858.  
*debile*, Broun. Man. N.Z. Coleop. 1039, No. 1859.  
*prolixum*, Broun. Man. N.Z. Coleop. 1039, No. 1860.  
*stenosoma*, Broun. Man. N.Z. Coleop. 1040, No. 1861.  
*tenellum*, Broun. Man. N.Z. Coleop. 1410, No. 2458.  
*fusciventre*, Broun. A.M.N.H. 6, xiv. 426.  
*australe*, Broun. A.M.N.H. 6, xiv. 426.  
*philpoti*, Broun. A.M.N.H. 6, xiv. 427.  
*perplexum*, Broun. A.M.N.H. 6, xiv. 428.**Ischnoderus**, Fauvel, 1867.*tectus*, Broun. Man. N.Z. Coleop. 117, No. 219.  
*genalis*, Broun. Man. N.Z. Coleop. 118, No. 220.  
*pictulus*, Broun. Man. N.Z. Coleop. 1040, No. 1862.  
*morosus*, Broun. Man. N.Z. Coleop. 1041, No. 1863.  
*fultoni*, Broun. Man. N.Z. Coleop. 1041, No. 1864.  
*politulus*, Broun. Man. N.Z. Coleop. 119, No. 221.**Omalissus**, Broun, 1893.*castaneus*, Broun. Man. N.Z. Coleop. 1042, No. 1865.**Trogophlæus**, Mannerheim, 1830.*zealandicus*, Sharp. Ent. Mag. xxxvi. 233.**Blediotrogus**, Sharp, 1900.*guttiger*, Sharp. Ent. Mag. xxxvi. 234.*cribricollis*, Fauvel. Rev. Ent. Fr. xix. 184.

Series HETEROMERA.  
 Family TENEBRIONIDÆ.  
 Sub-family OPATRINÆ.

**Opatrum**, Fabricius, 1775.

*lævigatum*, Fabricius. Ent. Syst. i. 89, 5.

**Pseudopatrum**, Sharp, 1886.

*tuberculicostatum*, White. Man. N.Z. Coleop. 353, No. 642.

*sordidum*, Sharp. Man. N.Z. Coleop. 1152, No. 2041.

**Mesopatrum**, Broun, 1893.

*granulosum*, Broun. Man. N.Z. Coleop. 1355, No. 2376.

**Periatrum**, Sharp, 1886.

*helmsi*, Sharp. Man. N.Z. Coleop. 1153, No. 2042.

*tumipes*, Broun. Man. N.Z. Coleop. 1456, No. 2527.

**Syrphetodes**, Pascoe, 1875.

*marginatus*, Pascoe. Man. N.Z. Coleop. 352, No. 640.

*crenatus*, Broun. Man. N.Z. Coleop. 352, No. 641.

*decoratus*, Broun. Man. N.Z. Coleop. 353, No. 643.

*bullatus*, Sharp. Man. N.Z. Coleop. 1150, No. 2039.

*sylvius*, Broun. Man. N.Z. Coleop. 1150, No. 2040.

*cordipennis*, Broun. Man. N.Z. Coleop. 1457, No. 2528.

*dorsalis*, Broun. Man. N.Z. Coleop. 1458, No. 2529.

*punctatus*, Broun. Man. N.Z. Coleop. 1458, No. 2530.

**Paraphylax**, Broun, 1880.

*squamiger*, Broun. Man. N.Z. Coleop. 355, No. 644.

*varius*, Broun. Man. N.Z. Coleop. 355, No. 645.

*binodosus*, Broun. A.M.N.H. 6, xv. 240.

**Exohadrus**, Broun, 1893.

*volutithorax*, Broun. Man. N.Z. Coleop. 356 and 1153, No. 646.

Sub-family TRACHYSCELINÆ.

**Chærodes**, White, 1846.

*trachyscelides*, White. Man. N.Z. Coleop. 357, No. 647.

*lætus*, Broun. Man. N.Z. Coleop. 358, No. 648.

*concolor*, Sharp. Man. N.Z. Coleop. 358, No. 649.

*fuscatus*, Broun. A.M.N.H. 6, xv. 241.

**Actizeta**, Pascoe, 1875.

*ammobioides*, Pascoe. Man. N.Z. Coleop. 359, No. 652.

*albata*, Pascoe. Man. N.Z. Coleop. 360, No. 653.

Sub-family DIAPERINÆ.

**Menimus**, Sharp, 1876.

*batesi*, Sharp. Man. N.Z. Coleop. 361, No. 654.

**Menimus puncticeps**, Broun. Man. N.Z. Coleop. 361, No. 655.  
**oblongus**, Broun. Man. N.Z. Coleop. 362, No. 656.  
**cæcus**, Sharp. Man. N.Z. Coleop. 362, No. 657.  
**crinalis**, Broun. Man. N.Z. Coleop. 363, No. 658.  
**crassus**, Sharp. Man. N.Z. Coleop. 363, No. 659.  
**dubius**, Broun. Man. N.Z. Coleop. 363, No. 660.  
**obscurus**, Broun. Man. N.Z. Coleop. 364, No. 661.  
**thoracicus**, Broun. Man. N.Z. Coleop. 364, No. 662.  
**curtulus**, Broun. Man. N.Z. Coleop. 785, No. 1401.  
**piceus**, Broun. Man. N.Z. Coleop. 786, No. 1402.  
**striatulus**, Broun. Man. N.Z. Coleop. 842, No. 1497.  
**sinuatus**, Broun. Man. N.Z. Coleop. 842, No. 1498.  
**vicinus**, Broun. A.M.N.H. 6, xii. 288.  
**lævicollis**, Broun. A.M.N.H. 6, xv. 242.

**Bolitophagus**, Illiger, 1798.  
**angulifer**, Blanchard. Voy. Pole Sud. iv. p. 167.

**Uloma**, Castelnau, 1840.  
**tenebrionoides**, White. Man. N.Z. Coleop. 366, No. 663.  
**lævicostata**, Blanchard. Voy. Pole Sud, iv. 165.

**Ulomotypus**, Broun, 1886.  
**lævigatus**, Broun. Man. N.Z. Coleop. 841, No. 1496.

**Aphthora**, Bates, 1872.  
**ruficeps**, Bates. Man. N.Z. Coleop. 367, No. 664.  
**glabritarsis**, Sharp. Man. N.Z. Coleop. 1153, No. 2043.

**Cilibe**, Brême, 1842.  
**opacula**, Bates. Man. N.Z. Coleop. 368, No. 665.  
**nitidula**, Bates. Man. N.Z. Coleop. 369, No. 666.  
**otagensis**, Bates. Man. N.Z. Coleop. 370, No. 667.  
**elongata**, Brême. Man. N.Z. Coleop. 371, No. 668.  
**pascoei**, Bates. Man. N.Z. Coleop. 372, No. 669.  
**humeralis**, Bates. Man. N.Z. Coleop. 373, No. 670.  
**thoracica**, Bates. Man. N.Z. Coleop. 373, No. 671.  
**brevipennis**, Bates. Man. N.Z. Coleop. 374, No. 672.  
**granulosa**, Brême. Man. N.Z. Coleop. 375, No. 673.  
**rugosa**, Bates. Man. N.Z. Coleop. 375, No. 674.  
**tibialis**, Bates. Man. N.Z. Coleop. 376, No. 675.  
**impressifrons**, Bates. Man. N.Z. Coleop. 376, No. 676.  
**buchananii**, Broun. Man. N.Z. Coleop. 377, No. 677.  
**huttoni**, Sharp. Man. N.Z. Coleop. 378, No. 678.  
**marginalis**, Broun. Man. N.Z. Coleop. 1155, No. 2047.  
**phosphugoides**, White. Voy. Ereb. and Terr., Insects, 11.

**Zolodinus**, Blanchard, 1853.  
**zealandicus**, Blanchard. Man. N.Z. Coleop. 379, No. 679.

**Lorelus**, Sharp, 1876.  
**priscus**, Sharp. Man. N.Z. Coleop. 381, No. 680.

**Lorelus pubescens**, Broun. Man. N.Z. Coleop. 381, No. 681.  
**crassicornis**, Broun. Man. N.Z. Coleop. 382, No. 682.  
**quadricollis**, Broun. Man. N.Z. Coleop. 786, No. 1403.

**Demtrius**, Broun, 1895.  
**carinulatus**, Broun. A.M.N.H. 6, xv. 243.

**Arthropus**, Sharp, 1876.  
**brouni**, Sharp. Man. N.Z. Coleop. 383, No. 683.

**Edalus**, Broun, 1893.  
**alienus**, Broun. Man. N.Z. Coleop. 391, No. 695.  
**opus**, Broun. Man. N.Z. Coleop. 1160, No. 2057.  
**pleuralis**, Broun. A.M.N.H. 6, xii. 289.

#### Sub-family CNODALONINÆ.

**Artystona**, Bates, 1873.  
**erichsoni**, White. Man. N.Z. Coleop. 384, No. 684.  
**wakefieldi**, Bates. Man. N.Z. Coleop. 385, No. 685.  
**rugiceps**, Bates. Man. N.Z. Coleop. 385, No. 686.  
**obscura**, Sharp. Man. N.Z. Coleop. 1154, No. 2044.  
**collaris**, Sharp. Man. N.Z. Coleop. 1154, No. 2045.  
**obsoleta**, Sharp. Man. N.Z. Coleop. 1154, No. 2046.  
**interrupta**, Redtenbacher. Reise Novara, Coleop. 128.

#### Sub-family HELOPINÆ.

**Adelium**, Kirby, 1818.  
**harpaloides**, White. Voy. Ereb. and Terror, Insects, 11.  
**bullatum**, Pascoe. Man. N.Z. Coleop. 386, No. 687.  
**intricatum**, Bates. Man. N.Z. Coleop. 387, No. 688.  
**aucklandicum**, Broun. Man. N.Z. Coleop. 387, No. 689.  
**amaroides**, White. Man. N.Z. Coleop. 388, No. 690.  
**æratum**, Broun. Man. N.Z. Coleop. 388, No. 691.  
**lentum**, Broun. Man. N.Z. Coleop. 389, No. 692.  
**zealandicum**, Bates. Man. N.Z. Coleop. 390, No. 693.  
**thoracicum**, Bates. Man. N.Z. Coleop. 390, No. 694.  
**cheesemani**, Broun. Man. N.Z. Coleop. 787, 1404.  
**chalmeri**, Broun. Man. N.Z. Coleop. 787, No. 1405.  
**indagator**, Broun. Man. N.Z. Coleop. 839, No. 1494.  
**rufilabrum**, Broun. Man. N.Z. Coleop. 840, No. 1495.  
**hanseni**, Broun. Man. N.Z. Coleop. 929, No. 1668.  
**nigritulum**, Broun. Man. N.Z. Coleop. 930, No. 1669.  
**multistriatum**, Sharp. Man. N.Z. Coleop. 1155, No. 2048.  
**simplex**, Sharp. Man. N.Z. Coleop. 1156, No. 2049.  
**sericatum**, Sharp. Man. N.Z. Coleop. 1156, No. 2050.  
**intermedium**, Sharp. Man. N.Z. Coleop. 1156, No. 2051.  
**dunedinis**, Sharp. Man. N.Z. Coleop. 1157, No. 2052.  
**urquharti**, Broun. Man. N.Z. Coleop. 1157, No. 2053.  
**miniatum**, Broun. Man. N.Z. Coleop. 1157, No. 2054.  
**gratiosum**, Broun. Man. N.Z. Coleop. 1158, No. 2055.

**Adelium turgidulum**, Broun. Man. N.Z. Coleop. 1158, No. 2056.

**tuberculatum**, Guerin. Voy. Pole Sud, iv. 175.

**simulans**, Redtenbacher. Reise Novara, 32.

**Cerodolus**, Sharp, 1886.

**chrysomelooides**, Sharp. Man. N.Z. Coleop. 1161, No. 2058.

**genialis**, Broun. Man. N.Z. Coleop. 1162, No. 2059.

**aeneus**, Broun. Man. N.Z. Coleop. 1162, No. 2060.

**Leiopeplus**, Broun, 1893.

**expolitus**, Broun. Man. N.Z. Coleop. 392 and 1160, No. 696.

#### Sub-family AMARYGMINÆ.

**Amarygmus**, Dalman, 1823.

**zealandicus**, Bates. Man. N.Z. Coleop. 394, No. 697.

#### Family CISTELIDÆ.

**Amarosoma**, Redtenbacher, 1868.

**metallicus**, White. Man. N.Z. Coleop. 395, No. 698.

**sophoræ**, Broun. Man. N.Z. Coleop. 396, No. 699.

**Xylochus**, Broun, 1880.

**substriatus**, Broun. Man. N.Z. Coleop. 397, No. 700.

**tibialis**, Broun. Man. N.Z. Coleop. 397, No. 701.

**dentipes**, Broun. Man. N.Z. Coleop. 788, No. 1406.

**spinifer**, Broun. Man. N.Z. Coleop. 1168, No. 2075.

**Omedes**, Broun, 1893.

**nitidus**, Broun. Man. N.Z. Coleop. 1169, No. 2076.

**fuscatus**, Broun. Man. N.Z. Coleop. 1170, No. 2077.

**apterus**, Broun. A.M.N.H. 6, xv. 244.

#### Family LAGRIIDÆ.

**Lagrioda**, Fairmaire et Germain, 1860.

**brounii**, Pascoe. Man. N.Z. Coleop. 408, No. 721.

#### Family MELANDRYIDÆ.

**Ctenoplectron**, Redtenbacher, 1868.

**fasciatum**, Redtenbacher. Man. N.Z. Coleop. 401, No. 706.

**fuliginosum**, Broun. Man. N.Z. Coleop. 402, No. 708.

**maculatum**, Broun. Man. N.Z. Coleop. 691, No. 1213.

**costatum**, Broun. Man. N.Z. Coleop. 691, No. 1214.

**vittatum**, Broun. Man. N.Z. Coleop. 844, No. 1500.

**coloratum**, Broun. Man. N.Z. Coleop. 959, No. 1732.

**dignum**, Broun. Man. N.Z. Coleop. 960, No. 1733.

**Allopterus**, Broun, 1886.

**reticulatus**, Broun. Man. N.Z. Coleop. 790, No. 1410.

**ornatus**, Broun. Man. N.Z. Coleop. 401, No. 707.

**instabilis**, Broun. Man. N.Z. Coleop. 844, No. 1501.

**cavelli**, Broun. Man. N.Z. Coleop. 1356, No. 2377

**Hylobia**, Broun, 1880.

**velox**, Broun. Man. N.Z. Coleop. 404, No. 710.  
**undulata**, Broun. Man. N.Z. Coleop. 404, No. 711.  
**nubeculosa**, Broun. Man. N.Z. Coleop. 404, No. 712.  
**pulla**, Broun. Man. N.Z. Coleop. 405, No. 713.  
**nigricornis**, Broun. Man. N.Z. Coleop. 405, No. 714.  
**calida**, Broun. Man. N.Z. Coleop. 405, No. 715.  
**bifasciata**, Broun. Man. N.Z. Coleop. 406, No. 716.  
**minor**, Broun. Man. N.Z. Coleop. 406, No. 717.  
**cylindrata**, Broun. Man. N.Z. Coleop. 406, No. 718.  
**usitata**, Broun. Man. N.Z. Coleop. 407, No. 719.  
**nigella**, Broun. Man. N.Z. Coleop. 407, No. 720.

**Chalcodrya**, Redtenbacher, 1868.

**variegata**, Redtenbacher. Man. N.Z. Coleop. 403, No. 709.  
**mollis**, Broun. Man. N.Z. Coleop. 960, No. 1734.

**Onysius**, Broun, 1886.

**anomalus**, Broun. Man. N.Z. Coleop. 843, No. 1499.  
**pulcher**, Broun. Man. N.Z. Coleop. 1357, No. 2378.

## Family PYTHIDÆ.

**Salpingus**, Gyllenhal, 1810.

**perpunctatus**, Broun. Man. N.Z. Coleop. 398, No. 702.  
**bilunatus**, Pascoe. Man. N.Z. Coleop. 398, No. 703.  
**angusticollis**, Broun. Man. N.Z. Coleop. 399, No. 704.  
**unguiculus**, Broun. Man. N.Z. Coleop. 399, No. 704a.  
**lautus**, Broun. Man. N.Z. Coleop. 400, No. 705.  
**hirtus**, Broun. Man. N.Z. Coleop. 789, No. 1407.  
**simplex**, Broun. Man. N.Z. Coleop. 789, No. 1408.  
**quisquilius**, Broun. Man. N.Z. Coleop. 789, No. 1409.  
**fossulatus**, Broun. Man. N.Z. Coleop. 1459, No. 2531.  
**ornatus**, Broun. A.M.N.H. 6, xv. 245.

## Family ANTHICIDÆ.

## Sub-family ANTHICINÆ.

**Cotes**, Sharp, 1877.

**vestita**, Sharp. Man. N.Z. Coleop. 411, No. 724.  
**proba**, Broun. Man. N.Z. Coleop. 691, No. 1215.  
**crispi**, Broun. Man. N.Z. Coleop. 412, No. 727.  
**optima**, Broun. Man. N.Z. Coleop. 1165, No. 2067.  
**punctata**, Broun. Man. N.Z. Coleop. 1165, No. 2068.  
**dorsalis**, Broun. Man. N.Z. Coleop. 1166, No. 2069.  
**distincta**, Broun. Man. N.Z. Coleop. 1166, No. 2070.  
**proxima**, Broun. Man. N.Z. Coleop. 1167, No. 2071.  
**rufa**, Broun. Man. N.Z. Coleop. 1167, No. 2072.

**Anthicus**, Paykull, 1798.

**obscuricornis**, Broun. Man. N.Z. Coleop. 411, No. 725.  
**pellucidipes**, Broun. Man. N.Z. Coleop. 412, No. 726.

**Anthicus minor**, Broun. Man. N.Z. Coleop. 930, No. 1670.  
**anthracinus**, Broun. Man. N.Z. Coleop. 1168, No. 2073.  
**fallax**, Broun. Man. N.Z. Coleop. 1168, No. 2074.

Sub-family PEDILINÆ.

**Macratria**, Newman, 1838.  
**exilis**, Pascoe. Man. N.Z. Coleop. 409, No. 722.  
**verticalis**, Sharp. Man. N.Z. Coleop. 409, No. 723.  
**Scaptogetus**, Broun, 1893.  
**anthracinus**, Broun. Man. N.Z. Coleop. 1358, No. 2379.

Family EDEMERIDÆ.

**Selenopalpus**, White, 1846.  
**cyaneus**, Fabricius. Man. N.Z. Coleop. 420, No. 736.  
**subviridis**, White. Voy. Ereb. and Terr., Insects, 13.  
**aciphyllæ**, Broun. Man. N.Z. Coleop. 845, No. 1502.  
**Sessinia**, Pascoe, 1863.  
**strigipennis**, White. Man. N.Z. Coleop. 420, No. 737.  
**latiuscula**, Broun. Man. N.Z. Coleop. 421, No. 738.  
**lineata**, Fabricius. Man. N.Z. Coleop. 421, No. 739.  
**pauperata**, Pascoe. Man. N.Z. Coleop. 422, No. 740.  
**nemoralis**, Broun. Man. N.Z. Coleop. 845, No. 1503.  
**longicornis**, Broun. Man. N.Z. Coleop. 1459, No. 2532.  
**thoracica**, Broun. A.M.N.H. 6, xii. 290.  
**reversa**, Broun. A.M.N.H. 6, xii. 291.

**Thelyphassa**, Pascoe, 1876.  
**diaphana**, Pascoe. Man. N.Z. Coleop. 422, No. 741.  
**obscura**, Broun. Man. N.Z. Coleop. 422, No. 742.  
**conspicua**, Broun. Man. N.Z. Coleop. 790, No. 1411.  
**limbata**, Broun. Man. N.Z. Coleop. 961, No. 1735.

**Dammarobius**, Broun, 1886.  
**mollis**, Broun. Man. N.Z. Coleop. 846, No. 1504.

**Baculipalpus**, Broun, 1880.  
**rarus**, Broun. Man. N.Z. Coleop. 423, No. 743.

**Exocalopus**, Broun, 1893.  
**pectinatus**, Broun. Man. N.Z. Coleop. 1170, No. 2078.

**Phytilea**, Broun, 1893.  
**propera**, Broun. Man. N.Z. Coleop. 1172, No. 2079.

**Techmessa**, Bates, 1874.  
**concolor**, Bates. Man. N.Z. Coleop. 424, No. 744.  
**telephoroides**, Bates. Man. N.Z. Coleop. 424, No. 745.  
**attenuata**, Broun. Man. N.Z. Coleop. 1172, No. 2080.  
**varians**, Broun. Man. N.Z. Coleop. 1173, No. 2081.

**Techmessodes**, Broun, 1893.

**picticornis**, Broun. Man. N.Z. Coleop. 424, No. 746.  
**versicolor**, Broun. Man. N.Z. Coleop. 1173, No. 2082.

## Family MORDELLIDÆ.

## Sub-family MORDELLINÆ.

**Mordella**, Linnaeus, 1758.

**antarctica**, White. Voy. Ereb. and Terror, Insects, 12.  
**funerea**, Pascoe. Man. N.Z. Coleop. 414, No. 728.  
**tibialis**, Broun. Man. N.Z. Coleop. 414, No. 729.  
**detracta**, Pascoe. Man. N.Z. Coleop. 414, No. 730.  
**tairuensis**, Broun. Man. N.Z. Coleop. 414, No. 731.

**Mordellistena**, Costa, 1855.

**jucunda**, Broun. Man. N.Z. Coleop. 415, No. 732.  
**neglecta**, Broun. Man. N.Z. Coleop. 415, No. 733.

**Zeamordella**, Broun, 1880.

**monacha**, Broun. Man. N.Z. Coleop. 847, No. 1505.

**Apeosina**, Broun, 1881.

**stewarti**, Broun. Man. N.Z. Coleop. 693, No. 1216.  
**tener**, Broun. Man. N.Z. Coleop. 693, No. 1217.

**Cryptomera**, Broun, 1893.

**nigra**, Broun. Man. N.Z. Coleop. 1359, No. 2380.

## Sub-family RHIPIPHORINÆ.

**Rhipistena**, Sharp, 1878.

**lugubris**, Sharp. Man. N.Z. Coleop. 417, No. 734.

**Sharpia**, Broun, 1880 (not of Tournier, 1873).

**hirtella**, Broun. Man. N.Z. Coleop. 418, No. 735.

## Series PHYTOPHAGA.

## Family CERAMBYCIDÆ.

## Sub-family PRIONINÆ.

**Prionoplus**, White, 1846.

**reticularis**, White. Man. N.Z. Coleop. 566, No. 991.  
T.N.Z.I. xii. 284.

**Ochrocydus**, Pascoe, 1876.

**huttoni**, Pascoe. Man. N.Z. Coleop. 567, No. 992.

## Sub-family CERAMBYCINÆ.

**Liogramma**, Bates, 1874.

**zealandica**, Blanchard. Man. N.Z. Coleop. 568, No. 993.

**Didymocantha**, Newman, 1840.

**sublineata**, White. Man. N.Z. Coleop. 568, No. 994.

**Didymocantha diversicornis**, White. Man. N.Z. Coleop. 569, No. 995.  
**picta**, Bates. Man. N.Z. Coleop. 569, No. 996.  
**ægrota**, Bates. Man. N.Z. Coleop. 569, No. 997.  
**brevicornis**, Broun. Man. N.Z. Coleop. 570, No. 998.  
**clavipes**, Broun. Man. N.Z. Coleop. 808, No. 1435.  
**robusta**, Sharp. Man. N.Z. Coleop. 1271, No. 2238.  
**quadriguttata**, Broun. Man. N.Z. Coleop. 1272, No. 2239.  
**jucunda**, Broun. Man. N.Z. Coleop. 1272, No. 2240.  
**binotata**, Broun. Man. N.Z. Coleop. 1273, No. 2241.  
**vittata**, Broun. Man. N.Z. Coleop. 1273, No. 2242.  
**pallida**, Broun. A.M.N.H. 6, xii. 388.

**Œmona**, Newman, 1842.

**hirta**, Fabricius. Man. N.Z. Coleop. 570 and 1275, No. 999.  
**villosa**, Fabricius. Man. N.Z. Coleop. 1275, No. 2244.  
**simplicollis**, Broun. Man. N.Z. Coleop. 571 and 1276, No. 1000.  
**humilis**, Newman. Man. N.Z. Coleop. 1274, No. 2243.  
**inæqualis**, Sharp. Man. N.Z. Coleop. 1275, No. 2245.  
**mutica**, Sharp. Man. N.Z. Coleop. 1276, No. 2246.  
**plicicollis**, Sharp. Man. N.Z. Coleop. 1276, No. 2247.  
**debilis**, Sharp. Man. N.Z. Coleop. 1277, No. 2248.

**Leptachrous**, Bates, 1874.

**strigipennis**, Westwood. Man. N.Z. Coleop. 752, No. 1001.

**Votum**, Broun, 1880.

**mundum**, Broun. Man. N.Z. Coleop. 753, No. 1002.

**Pseudocalliprason**, Broun, 1880.

**marginatum**, White. Man. N.Z. Coleop. 574, No. 1003.

**Ambeodontus**,

**tristis**, Fabricius. Man. N.Z. Coleop. 574, No. 1004.

**Agapanthida**, White, 1846.

**pulchella**, White. Man. N.Z. Coleop. 575, No. 1005.

**scutellaris**, Pascoe. Man. N.Z. Coleop. 575, No. 1006.

**Ophryops**, White, 1846.

**pallidus**, White. Man. N.Z. Coleop. 576, No. 1007.

**dispar**, Sharp. Man. N.Z. Coleop. 1277, No. 2249.

**nigropictus**, Broun. Man. N.Z. Coleop. 1278, No. 2250.

**testaceus**, Broun. Man. N.Z. Coleop. 1278, No. 2251.

**lentiginosus**, Broun. Man. N.Z. Coleop. 1279, No. 2252.

**Pseudosemnus**, Broun, 1893.

**amabilis**, Broun. Man. N.Z. Coleop. 1280, No. 2253.

**Hesperophanes**, Mulsant, 1839.

**unicolor**, Fabricius. Mantissa Insectorum, 147.

**Astetholea**, Bates, 1874.

**pauper**, Bates. Man. N.Z. Coleop. 577, No. 1008.

**lepturoides**, Bates. Man. N.Z. Coleop. 577, No. 1009.

**aubreyi**, Broun. Man. N.Z. Coleop. 577, No. 1010.

**Astetholida**, Broun, 1880.

**lucida**, Broun. Man. N.Z. Coleop. 578, No. 1011.

**Epheus**, Broun, 1886.

**costifer**, Broun. Man. N.Z. Coleop. 871, No. 1551.

**Blosyropus**, Redtenbacher, 1868.

**spinosus**, Redtenbacher. Man. N.Z. Coleop. 579, No. 1012.

**Ptychopterus**, Broun, 1886.

**rugosus**, Broun. Man. N.Z. Coleop. 809, No. 1013.

**Psilomorpha**, Saunders, 1850.

**tenuipes**, Saunders. Man. N.Z. Coleop. 580, No. 1014.

**Xuthodes**, Pascoe, 1875.

**punctipennis**, Pascoe. Man. N.Z. Coleop. 580, No. 1015a.

**apicalis**, Sharp. Man. N.Z. Coleop. 580, No. 1015.

**batesi**, Sharp. Man. N.Z. Coleop. 581, No. 1016.

**divergens**, Broun. Man. N.Z. Coleop. 581, No. 1017.

**lepidus**, Broun. Man. N.Z. Coleop. 1280, No. 2254.

**Calliprason**, White, 1846.

**sinclairi**, White. Man. N.Z. Coleop. 582, No. 1018.

**Stenopotes**, Pascoe, 1875.

**pallidus**, Pascoe. Man. N.Z. Coleop. 583, No. 1019.

**Cacodrotus**, Broun, 1893.

**bifasciatus**, Broun. Man. N.Z. Coleop. 1281, No. 2255.

**Drotus**, Sharp, 1877.

**elegans**, Sharp. Man. N.Z. Coleop. 583, No. 1020.

**Zorion**, Pascoe, 1867.

**minutum**, Fabricius. Man. N.Z. Coleop. 584, No. 1021.

**guttigerum**, Westwood. Man. N.Z. Coleop. 585, No. 1022.

**castum**, Broun. Man. N.Z. Coleop. 1281, No. 2256.

**Gnomodes**, Broun, 1893.

**piceus**, Broun. Man. N.Z. Coleop. 1282, No. 2257.

**Gastrosarus**, Bates, 1874.

**nigricollis**, Bates. Man. N.Z. Coleop. 586, No. 1023.

**urbanus**, Broun. Man. N.Z. Coleop. 1283, No. 2258.

**lautus**, Broun. Man. N.Z. Coleop. 1283, No. 2259.

**picticornis**, Broun. Man. N.Z. Coleop. 1284, No. 2260.

**Eburida**, Broun, 1880.

**sericea**, Smith. Man. N.Z. Coleop. 587, No. 1024.

**Acrocyrta**, Pascoe, 1856.*spinicornis*, Newman. Man. N.Z. Coleop. 587, No. 1025.**Clytus**, Laichorting, 1784.*rugulosus*, Broun. Man. N.Z. Coleop. 588, No. 1026.**Coptomma**, Newman, 1840.*variegata*, Fabricius. Man. N.Z. Coleop. 589, No. 1027.**Navomorpha**, Blanchard, 1853.*lineatus*, Fabricius. Man. N.Z. Coleop. 590, No. 1028.*sulcatus*, Fabricius. Man. N.Z. Coleop. 590, No. 1029.*neglectus*, Broun. Man. N.Z. Coleop. 591, No. 1030.*sticticus*, Broun. Man. N.Z. Coleop. 1284, No. 2261.**Ceresium**, Newman, 1842.*zealandicum*, Blanchard. Voy. Pole Sud, iv. 272.**Aphanasium**, Thomson, 1860.*australe*, Boisduval. Voy. Astrolabe, ii. 480.**Phlyctænodes**, Newman, 1840.*retifer*, Lacordaire. Gen. Col. 1869, 374.

## Sub-family LAMIINÆ.

**Hexatricha**, Lacordaire, 1869.*pulverulenta*, Westwood. Man. N.Z. Coleop. 592, No. 1031.*heteromorpha*, Boisduval. Voy. Astrolabe, ii. 21.**Xyloteles**, Newman, 1840.*lynceus*, Fabricius. Man. N.Z. Coleop. 593, No. 1032.*griseus*, Westwood. Man. N.Z. Coleop. 593, No. 1033.*humeratus*, Bates. Man. N.Z. Coleop. 593, No. 1034.*subpinguis*, White. Man. N.Z. Coleop. 594, No. 1035.*nudus*, Bates. Man. N.Z. Coleop. 594, No. 1036.*rugicollis*, Bates. Man. N.Z. Coleop. 594, No. 1037.*inornatus*, Broun. Man. N.Z. Coleop. 595, No. 1038.*lætus*, White. Man. N.Z. Coleop. 595, No. 1039.*gratus*, Broun. Man. N.Z. Coleop. 595, No. 1040.*nanus*, Bates. Man. N.Z. Coleop. 596, No. 1041.*ægrotus*, Bates. Man. N.Z. Coleop. 597, No. 1042.*pulchellus*, Bates. Man. N.Z. Coleop. 597, No. 1043.*scissicauda*, Bates. Man. N.Z. Coleop. 597, No. 1044.*bullatus*, Sharp. Man. N.Z. Coleop. 598, No. 1045.*pictulus*, Bates. Man. N.Z. Coleop. 598, No. 1046.*sandageri*, Broun. Man. N.Z. Coleop. 912, No. 1632.*maculosus*, Broun. Man. N.Z. Coleop. 913, No. 1633.*angustulus*, Broun. Man. N.Z. Coleop. 973, No. 1756.*huttoni*, Sharp. Man. N.Z. Coleop. 1287, No. 2264.*gaudens*, Broun. Man. N.Z. Coleop. 1288, No. 2265.*germanus*, Sharp. Man. N.Z. Coleop. 1289, No. 2266.

**Xyloteles fasciatus**, Sharp. Man. N.Z. Coleop. 1289, No. 2267.  
**phormiobius**, Broun. Man. N.Z. Coleop. 1388, No. 2422.  
**prolongatus**, Broun. Man. N.Z. Coleop. 1389, No. 2423.  
**costatus**, Pascoe. A.M.N.H. 4, xvi. 217.  
**parvulus**, White. Voy. Ereb. and Terror, Insects, 22.

**Microlamia**, Bates, 1874.

**pygmæa**, Bates. Man. N.Z. Coleop. 599, No. 1047.  
**æmula**, Broun. Man. N.Z. Coleop. 810, No. 1437.

**Mesolamia**, Sharp, 1882.

**marmorata**, Sharp. Man. N.Z. Coleop. 1295, No. 2278.  
**ærata**, Broun. Man. N.Z. Coleop. 1296, No. 2279.

**Somatidia**, Thomson, 1864.

**antarctica**, White. Man. N.Z. Coleop. 600, No. 1048.  
**assimilata**, Broun. Man. N.Z. Coleop. 600, No. 1049.  
**terrestris**, Broun. Man. N.Z. Coleop. 601, No. 1050.  
**ptinoides**, Bates. Man. N.Z. Coleop. 601, No. 1051.  
**angusta**, Broun. Man. N.Z. Coleop. 601, No. 1052.  
**pictipes**, Broun. Man. N.Z. Coleop. 602, No. 1053.  
**longipes**, Sharp. Man. N.Z. Coleop. 602, No. 1054.  
**diversa**, Broun. Man. N.Z. Coleop. 603, No. 1055.  
**nitida**, Broun. Man. N.Z. Coleop. 603, No. 1056.  
**crassipes**, Broun. Man. N.Z. Coleop. 810, No. 1438.  
**elongata**, Broun. Man. N.Z. Coleop. 811, No. 1439.  
**grandis**, Broun. Man. N.Z. Coleop. 1290, No. 2269.  
**helmsi**, Sharp. Man. N.Z. Coleop. 1290, No. 2270.  
**spinicollis**, Broun. Man. N.Z. Coleop. 1291, No. 2271.  
**costifer**, Broun. Man. N.Z. Coleop. 1291, No. 2272.  
**variegata**, Broun. Man. N.Z. Coleop. 1292, No. 2273.  
**simplex**, Broun. Man. N.Z. Coleop. 1292, No. 2274.  
**signata**, Broun. Man. N.Z. Coleop. 1293, No. 2275.  
**convexa**, Broun. Man. N.Z. Coleop. 1498, No. 2581.  
**latula**, Broun. Man. N.Z. Coleop. 1499, No. 2582.  
**lævior**, Broun. Man. N.Z. Coleop. 1499, No. 2583.  
**tenebrica**, Broun. Man. N.Z. Coleop. 1500, No. 2584.  
**albicoma**, Broun. Man. N.Z. Coleop. 1500, No. 2585.  
**proxima**, Broun. A.M.N.H. 6, xii. 390.  
**picticornis**, Broun. A.M.N.H. 6, xv. 418.

**Stenellipsis**, Bates, 1874.

**bimaculata**, White. Man. N.Z. Coleop. 604, No. 1057.  
**gracilis**, White. Man. N.Z. Coleop. 604, No. 1058.  
**latipennis**, Bates. Man. N.Z. Coleop. 605, No. 1059.  
**pumila**, Pascoe. Man. N.Z. Coleop. 605, No. 1060.  
**cuneata**, Sharp. Man. N.Z. Coleop. 1289, No. 2268.

**Psilocnæia**, Bates, 1874.

**linearis**, Bates. Man. N.Z. Coleop. 606, No. 1061.  
**brouni**, Bates. Man. N.Z. Coleop. 606, No. 1062.

**Spilotrogia**, Bates, 1874.

*maculata*, Bates. Man. N.Z. Coleop. 607, No. 1063.  
*hilarula*, Broun. Man. N.Z. Coleop. 607, No. 1062.

**Eurychæna**, Bates, 1874.

*fragilis*, Bates. Man. N.Z. Coleop. 608, No. 1065.  
*feredayi*, Bates. Man. N.Z. Coleop. 608, No. 1066.  
*acutula*, Broun. Man. N.Z. Coleop. 608, No. 1067.

**Tetrorea**, White, 1846.

*cilipes*, White. Man. N.Z. Coleop. 609, No. 1068.  
*discedens*, Sharp. Man. N.Z. Coleop. 1294, No. 1440.  
*longipennis*, Sharp. Man. N.Z. Coleop. 1293, No. 2276.  
*sellata*, Sharp. Man. N.Z. Coleop. 1294, No. 2277.

**Hybolasius**, Bates, 1874.

*crista*, Fabricius. Man. N.Z. Coleop. 610, No. 1069.  
*lanipes*, Sharp. Man. N.Z. Coleop. 610, No. 1070.  
*pedator*, Sharp. Man. N.Z. Coleop. 610, No. 1071.  
*wakefieldi*, Bates. Man. N.Z. Coleop. 611, No. 1072.  
*concolor*, Broun. Man. N.Z. Coleop. 611, No. 1073.  
*viridescens*, Bates. Man. N.Z. Coleop. 611, No. 1074.  
*promissus*, Broun. Man. N.Z. Coleop. 612, No. 1075.  
*simplex*, Bates. Man. N.Z. Coleop. 612, No. 1076.  
*modestus*, Broun. Man. N.Z. Coleop. 613, No. 1077.  
*variegatus*, Broun. Man. N.Z. Coleop. 613, No. 1078.  
*crustatellus*, Bates. Man. N.Z. Coleop. 614, No. 1079.  
*bellicosus*, Broun. Man. N.Z. Coleop. 614, No. 1080.  
*parvus*, Broun. Man. N.Z. Coleop. 614, No. 1081.  
*vegetus*, Broun. Man. N.Z. Coleop. 744, No. 1320.  
*fasciatus*, Broun. Man. N.Z. Coleop. 744, No. 1321.  
*brevicollis*, Broun. Man. N.Z. Coleop. 811, No. 1441.  
*pictarsis*, Broun. Man. N.Z. Coleop. 812, No. 1442.  
*pusillus*, Broun. Man. N.Z. Coleop. 812, No. 1443.  
*apicalis*, Broun. Man. N.Z. Coleop. 872, No. 1552.  
*piceus*, Broun. Man. N.Z. Coleop. 872, No. 1553.  
*deplanatus*, Sharp. Man. N.Z. Coleop. 1297, No. 2280.  
*castaneus*, Broun. Man. N.Z. Coleop. 1297, No. 2281.  
*finitimus*, Broun. Man. N.Z. Coleop. 1298, No. 2282.  
*albihirtus*, Broun. Man. N.Z. Coleop. 1298, No. 2283.  
*gnarus*, Broun. Man. N.Z. Coleop. 1298, No. 2284.  
*femoralis*, Broun. Man. N.Z. Coleop. 1299, No. 2285.  
*thoracicus*, Broun. Man. N.Z. Coleop. 1299, No. 2286.  
*rufescens*, Broun. Man. N.Z. Coleop. 1300, No. 2287.  
*dubius*, Broun. Man. N.Z. Coleop. 1389, No. 2424.  
*optatus*, Broun. A.M.N.H. 6, xii. 389.  
*trigonellus*, Hutton. T.N.Z.I. xxx. 158.

**Pœciliptæ**, Bates, 1874.

*stictica*, Bates. Man. N.Z. Coleop. 615, No. 1082.

**Pœcilipline flavipes**, White. Man. N.Z. Coleop. 615, No. 1083.  
**medialis**, Sharp. Man. N.Z. Coleop. 1301, No. 2288.  
**femoralis**, Sharp. Man. N.Z. Coleop. 1301, No. 2289.  
**simplex**, Bates. Man. N.Z. Coleop. 612, No. 1076.

**Diastamerus**, Redtenbacher, 1868.

**tomentosus**, Redtenbacher. Man. N.Z. Coleop. 616,  
 No. 1084.

**Tympanopalpus**, Redtenbacher, 1868.

**dorsalis**, Redtenbacher. Man. N.Z. Coleop. 617, No. 1085.

Family CHRYOMELIDÆ.

Sub-family EUMOLPINÆ.

**Eucolaspis**, Sharp, 1886.

**brunneus**, Fabricius. Man. N.Z. Coleop. 622, No. 1090.  
**pallidipennis**, White. Man. N.Z. Coleop. 622, No. 1091.  
**puncticollis**, Broun. Man. N.Z. Coleop. 623, No. 1092.  
**jucundus**, Broun. Man. N.Z. Coleop. 623, No. 1093.  
**subæneus**, Broun. Man. N.Z. Coleop. 624, No. 1094.  
**sculptus**, Broun. Man. N.Z. Coleop. 624, No. 1095.  
**merus**, Broun. Man. N.Z. Coleop. 624, No. 1096.  
**brevicollis**, Broun. Man. N.Z. Coleop. 625, No. 1097.  
**atroceruleus**, Broun. Man. N.Z. Coleop. 625, No. 1098.  
**ochraceus**, Broun. Man. N.Z. Coleop. 1303, No. 2290.  
**coloratus**, Broun. Man. N.Z. Coleop. 1303, No. 2291.  
**montanus**, Broun. Man. N.Z. Coleop. 1304, No. 2292.  
**vittiger**, Broun. A.M.N.H. 6, xii. 391.  
**picticornis**, Broun. A.M.N.H. 6, xii. 391.

**Atrichatus**, Sharp, 1886.

**ochraceus**, Broun. Man. N.Z. Coleop. 625 and 1305,  
 No. 1099.

**æneicollis**, Broun. A.M.N.H. 6, xv. 419.

**Pilacolaspis**, Sharp, 1886.

**wakefieldi**, Sharp. Man. N.Z. Coleop. 1306, No. 2293.  
**huttoni**, Broun. Man. N.Z. Coleop. 626, No. 1100.

**Peniticus**, Sharp, 1876

**suffusus**, Sharp. Man. N.Z. Coleop. 627, No. 1101.  
**antiquus**, Sharp. Man. N.Z. Coleop. 627, No. 1102.  
**robustus**, Broun. Man. N.Z. Coleop. 628, No. 1103.

Sub-family CRYPTOCEPHALINÆ.

**Arnomus**, Sharp, 1876.

**brouni**, Sharp. Man. N.Z. Coleop. 619, No. 1086.

**curtipes**, Broun. Man. N.Z. Coleop. 1390, No. 2425.

**marginalis**, Broun. Man. N.Z. Coleop. 1390, No. 2426.

**Alema**, Sharp, 1876.

**paradoxa**, Sharp. Man. N.Z. Coleop. 620, No. 1087.  
**puncticollis**, Broun. Man. N.Z. Coleop. 620, No. 1088.  
**spatiosa**, Broun. Man. N.Z. Coleop. 621, No. 1089.

**Scaphodius**, Chapuis, 1874

**compactus**, Sharp. Man. N.Z. Coleop. 1302, No. 1444.

## Sub-family CHRYSOMELINÆ.

**Allocharis**, Sharp, 1882.

**marginata**, Sharp. Man. N.Z. Coleop. 1306, No. 2294.  
**morosa**, Broun. Man. N.Z. Coleop. 1307, No. 2295.  
**limbata**, Broun. Man. N.Z. Coleop. 1307, No. 2296.

**Aphilon**, Sharp, 1876.

**enigma**, Sharp. Man. N.Z. Coleop. 629, No. 1104.  
**pretiosa**, Broun. Man. N.Z. Coleop. 630, No. 1105.  
**punctata**, Broun. Man. N.Z. Coleop. 630, No. 1106.  
**minuta**, Broun. Man. N.Z. Coleop. 631, No. 1107.  
**monstrosa**, Broun. Man. N.Z. Coleop. 874, No. 1556.  
**sobrina**, Broun. Man. N.Z. Coleop. 875, No. 1557.  
**præstans**, Broun. Man. N.Z. Coleop. 1309, No. 2301.  
**convexa**, Broun. Man. N.Z. Coleop. 1310, No. 2302.  
**latulum**, Broun. Man. N.Z. Coleop. 1310, No. 2303.  
**scutellaris**, Broun. Man. N.Z. Coleop. 1501, No. 2586.  
**laticollis**, Broun. A.M.N.H. 6, xii. 392.

**Caccomolpus**, Sharp, 1886.

**globosus**, Sharp. Man. N.Z. Coleop. 1308, No. 2297.  
**plagiatus**, Sharp. Man. N.Z. Coleop. 1308, No. 2298.  
**pullatus**, Broun. Man. N.Z. Coleop. 1309, No. 2299.  
**maculatus**, Broun. Man. N.Z. Coleop. 1309, No. 2300.

## Sub-family GALERUCINÆ.

**Luperus**, Geoffroy, 1764.

**vulgaris**, Broun. Man. N.Z. Coleop. 632, No. 1108.  
**attenuatus**, Broun. Man. N.Z. Coleop. 633, No. 1109.  
**thoracicus**, Broun. Man. N.Z. Coleop. 633, No. 1110.  
**nigripes**, Broun. Man. N.Z. Coleop. 634, No. 1111.  
**nigricans**, Broun. Man. N.Z. Coleop. 634, No. 1112.  
**nitidicollis**, Broun. Man. N.Z. Coleop. 634, No. 1113.  
**æneus**, Broun. Man. N.Z. Coleop. 635, No. 1114.  
**viridis**, Broun. Man. N.Z. Coleop. 635, No. 1115.  
**oleareæ**, Broun. Man. N.Z. Coleop. 1312, No. 2304.  
**rugicollis**, Broun. Man. N.Z. Coleop. 1313, No. 2305.  
**brevicollis**, Broun. Man. N.Z. Coleop. 1313, No. 2306.  
**sculcifer**, Broun. Man. N.Z. Coleop. 1313, No. 2307.  
**rectipes**, Broun. Man. N.Z. Coleop. 1314, No. 2308.  
**calcaratus**, Broun. Man. N.Z. Coleop. 1314, No. 2309.

**Luperus princeps**, Broun. Man. N.Z. Coleop. 1314, No. 2310.  
**monticola**, Broun. Man. N.Z. Coleop. 1315, No. 2311.  
**fuscatus**, Broun. Man. N.Z. Coleop. 1315, No. 2312.  
**sordidus**, Broun. Man. N.Z. Coleop. 1316, No. 2313.  
**truncatus**, Broun. Man. N.Z. Coleop. 1316, No. 2314.  
**nigricornis**, Sharp. Man. N.Z. Coleop. 1316, No. 2315.  
**ænescens**, Sharp. Man. N.Z. Coleop. 1317, No. 2316.  
**puncticollis**, Sharp. Man. N.Z. Coleop. 1317, No. 2317.  
**mollis**, Broun. Man. N.Z. Coleop. 1502, No. 2587.

**Allastena**, Broun, 1893.

**nitida**, Broun. Man. N.Z. Coleop. 1318, No. 2318.  
**quadrata**, Broun. Man. N.Z. Coleop. 1319, No. 2319.

**Bryobates**, Broun, 1886.

**coniformis**, Broun. Man. N.Z. Coleop. 874, No. 1555.

Sub-family HALTICINÆ.

**Trachytetra**, Sharp, 1886.

**rugulosa**, Broun. Man. N.Z. Coleop. 636 and 1311, No. 1116.

**Inopelonia**, Broun, 1893.

**testacea**, Broun. Man. N.Z. Coleop. 637, No. 1118.  
**fuliginosa**, Broun. Man. N.Z. Coleop. 637, No. 1119.

**Pleuraltica**, Sharp, 1886.

**cyanea**, Broun. Man. N.Z. Coleop. 1312 and 638, No. 1120.

**Phyllotreta**, Chevrolat, 1839.

**nitida**, Broun. Man. N.Z. Coleop. 636, No. 1117.  
**graminicola**, Broun. Man. N.Z. Coleop. 1391, No. 2427.  
**littoralis**, Broun. Man. N.Z. Coleop. 1391, No. 2428.  
**vittigera**, Broun. Man. N.Z. Coleop. 1392, No. 2429.

Series RHYNCOPHORA.

Family CURCULIONIDÆ.

Sub-family OTIORHYNCHINÆ.

**Nicæana**, Pascoe, 1877.

**modesta**, Pascoe. Man. N.Z. Coleop. 428, No. 749.  
**concinna**, Broun. Man. N.Z. Coleop. 847, No. 1506.  
**cinerea**, Broun. Man. N.Z. Coleop. 931, No. 1673.  
**cervina**, Broun. Man. N.Z. Coleop. 1360, No. 2381.  
**tarsalis**, Broun. Man. N.Z. Coleop. 1460, No. 2533.

**Stygeopetes**, Broun, 1893.

**littoralis**, Broun. Man. N.Z. Coleop. 1176, No. 2085.

**Cecyropa**, Pascoe, 1875.

**tychioides**, Pascoe. Man. N.Z. Coleop. 437, No. 768.  
**maritima**, Broun. Man. N.Z. Coleop. 438, No. 769.

**Cecyropa brevipennis**, Broun. Man. N.Z. Coleop. 438, No. 770.

- alba*, Broun. Man. N.Z. Coleop. 698, No. 1228.
- varia*, Broun. Man. N.Z. Coleop. 698, No. 1229.
- discors*, Broun. Man. N.Z. Coleop. 699, No. 1230.
- setigera*, Broun. Man. N.Z. Coleop. 905, No. 1617.
- macularia*, Broun. Man. N.Z. Coleop. 961, No. 1736.
- albicans*, Sharp. Man. N.Z. Coleop. 1175, No. 2083.
- fumosa*, Broun. Man. N.Z. Coleop. 1175, No. 2084.

**Nonnotus**, Sharp, 1886.

- griseolus*, Sharp. Man. N.Z. Coleop. 1177, No. 2086.
- eclectus*, Broun. Man. N.Z. Coleop. 1177, No. 2087.
- pallescens*, Broun. Man. N.Z. Coleop. 1178, No. 2088.
- albicans*, Broun. Man. N.Z. Coleop. 443, No. 781.
- albatus*, Broun. Man. N.Z. Coleop. 694, No. 1219.

**Tigones**, Broun, 1886.

- caudata*, Broun. Man. N.Z. Coleop. 855, No. 1521.
- osculans*, Broun. Man. N.Z. Coleop. 856, No. 1522.
- certa*, Broun. Man. N.Z. Coleop. 856, No. 1523.
- grisea*, Broun. Man. N.Z. Coleop. 856, No. 1524.
- cervina*, Broun. Man. N.Z. Coleop. 857, No. 1525.
- aulica*, Broun. Man. N.Z. Coleop. 1180, No. 2092.
- variegata*, Broun. Man. N.Z. Coleop. 1181, No. 2093.
- scutellaris*, Broun. Man. N.Z. Coleop. 1181, No. 2094.
- cruda*, Broun. Man. N.Z. Coleop. 1182, No. 2095.
- antennalis*, Broun. Man. N.Z. Coleop. 1182, No. 2096.
- diversa*, Broun. Man. N.Z. Coleop. 1183, No. 2097.
- rufula*, Broun. Man. N.Z. Coleop. 1183, No. 2098.
- cavelli*, Broun. Man. N.Z. Coleop. 1361, No. 2382.
- obscura*, Broun. Man. N.Z. Coleop. 1361, No. 2383.
- cuspidata*, Broun. Man. N.Z. Coleop. 694, No. 1220.
- plana*, Broun. Man. N.Z. Coleop. 700, No. 1233.

**Protophormus**, Sharp, 1886.

- gracilis*, Sharp. Man. N.Z. Coleop. 1179, No. 2089.
- binodulus*, Sharp. Man. N.Z. Coleop. 1179, No. 2090.
- robustus*, Sharp. Man. N.Z. Coleop. 1180, No. 2091.

**Epitimetes**, Pascoe, 1877.

- lutosus*, Pascoe. Man. N.Z. Coleop. 435, No. 763.
- wakefieldi*, Sharp. Man. N.Z. Coleop. 1183, No. 2099.

**Platyomida**, White, 1846.

- binodes*, White. Man. N.Z. Coleop. 442, No. 776.
- censoria*, Pascoe. Man. N.Z. Coleop. 442, No. 777.
- aculeata*, Broun. Man. N.Z. Coleop. 442, No. 778.
- perniciosa*, Broun. Man. N.Z. Coleop. 442, No. 779.
- apicalis*, Broun. Man. N.Z. Coleop. 701, No. 1235.

**Platyomida amota**, Broun. Man. N.Z. Coleop. 793, No. 1415.  
**enysi**, Broun. Man. N.Z. Coleop. 852, No. 1516.  
**æqua**, Broun. Man. N.Z. Coleop. 932, No. 1677.  
**hochstetteri**, Redtenbacher. Man. N.Z. Coleop. 476, No. 842.  
**simulatrix**, Sharp. Man. N.Z. Coleop. 1185, No. 2100.  
**depressa**, Sharp. Man. N.Z. Coleop. 1185, No. 2101.

**Rhynchogonus**,  
**germanus**, Broun. A.M.N.H. 6, xii. 293.

**Hyperobates**, Broun, 1893.  
**asper**, Broun. Man. N.Z. Coleop. 1462, No. 2534.

**Hygrochus**, Broun, 1881.  
**oscitans**, Broun. Man. N.Z. Coleop. 703, No. 1237.  
**verrucosus**, Broun. Man. N.Z. Coleop. 1220, No. 2149.  
**illepidus**, Broun. Man. N.Z. Coleop. 1220, No. 2150.  
**oculatus**, Broun. A.M.N.H. 6, xii. 292.

**Homodus**, Broun, 1881.  
**fumeus**, Broun. Man. N.Z. Coleop. 703, No. 1238.

**Aporolobus**, Sharp, 1886.  
**irritus**, Pascoe. Man. N.Z. Coleop. 431, No. 754.  
**hariolus**, Broun. Man. N.Z. Coleop. 848, No. 1507.  
**cecyropioides**, Broun. Man. N.Z. Coleop. 905, No. 1616.  
**rugosus**, Broun. Man. N.Z. Coleop. 930, No. 1671.  
**pallidus**, Broun. Man. N.Z. Coleop. 1365, No. 2388.

**Notiopatæ**, Broun, 1893.  
**setifer**, Broun. Man. N.Z. Coleop. 1187, No. 2102.  
**sternalis**, Broun. Man. N.Z. Coleop. 1462, No. 2535.  
**clarus**, Broun. Man. N.Z. Coleop. 431, No. 755.

**Pælocharis**, Broun, 1893.  
**inflata**, Broun. Man. N.Z. Coleop. 1188, No. 2103.  
**vestita**, Broun. Man. N.Z. Coleop. 1463, No. 2536.  
**corpulenta**, Broun. Man. N.Z. Coleop. 431, No. 756.

**Protolobus**, Sharp, 1886.  
**obscurus**, Sharp. Man. N.Z. Coleop. 1188, No. 2104.  
**porculus**, Pascoe. Man. N.Z. Coleop. 430, No. 753.

**Catoptes**, Schönherr, 1842.  
**obliquis**, Schönherr. Man. N.Z. Coleop. 428, No. 750.  
**parilis**, Pascoe. Man. N.Z. Coleop. 443, No. 780.  
**compressus**, Broun. Man. N.Z. Coleop. 429, No. 751.  
**obliquisignatus**, Bohem. Man. N.Z. Coleop. 193, No. 1218.  
**attenuatus**, Broun. Man. N.Z. Coleop. 791, No. 1412.  
**pilosellus**, Broun. Man. N.Z. Coleop. 853, No. 1517.  
**bicostatus**, Broun. Man. N.Z. Coleop. 853, No. 1518.

**Catoptes tibialis**, Broun. Man. N.Z. Coleop. 854, No. 1519.  
**stolidus**, Broun. Man. N.Z. Coleop. 854, No. 1520.  
**caliginosus**, Broun. Man. N.Z. Coleop. 1189, No. 2105.  
**posticalis**, Broun. Man. N.Z. Coleop. 1189, No. 2106.  
**humeralis**, Broun. Man. N.Z. Coleop. 1190, No. 2107.  
**chalmeri**, Broun. Man. N.Z. Coleop. 1190, No. 2108.  
**asperellus**, Broun. Man. N.Z. Coleop. 1191, No. 2109.  
**cheesemani**, Broun. Man. N.Z. Coleop. 1191, No. 2110.  
**decorus**, Broun. Man. N.Z. Coleop. 1192, No. 2111.  
**brevicornis**, Sharp. Man. N.Z. Coleop. 1193, No. 2112.  
**æmulator**, Broun. Man. N.Z. Coleop. 1193, No. 2113.  
**tenebricus**, Broun. Man. N.Z. Coleop. 1194, No. 2114.  
**latipennis**, Broun. Man. N.Z. Coleop. 1362, No. 2384.  
**furvus**, Broun. Man. N.Z. Coleop. 1362, No. 2385.  
**vastator**, Broun. Man. N.Z. Coleop. 1463, No. 2537.  
**scutellaris**, Sharp. Man. N.Z. Coleop. 1503, No. 2591.  
**longulus**, Sharp. Man. N.Z. Coleop. 1504, No. 2592.

**Haplolobus**, Broun, 1893.

**sævus**, Broun. Man. N.Z. Coleop. 1199, No. 2122.  
**æthiops**, Broun. Man. N.Z. Coleop. 1199, No. 2123.  
**gregalis**, Broun. Man. N.Z. Coleop. 1199, No. 2124.

**Brachylyous**, White, 1846.

**punctatus**, White. Man. N.Z. Coleop. 432, No. 757.  
**brevisculus**, Broun. Man. N.Z. Coleop. 440, No. 774.  
**elegans**, Broun. Man. N.Z. Coleop. 1194, No. 2115.  
**inæqualis**, Sharp. Man. N.Z. Coleop. 1195, No. 2116.  
**huttoni**, Sharp. Man. N.Z. Coleop. 1195, No. 2117.  
**bagoooides**, Sharp. Man. N.Z. Coleop. 1195, No. 2118.  
**punctipennis**, Sharp. Man. N.Z. Coleop. 1196, No. 2119.  
**longicollis**, Sharp. Man. N.Z. Coleop. 1196, No. 2120.  
**viridescens**, Broun. Man. N.Z. Coleop. 1363, No. 2386.  
**posticalis**, Broun. Man. N.Z. Coleop. 1364, No. 2387.

**Inocatoptes**, Broun, 1902.

**incertus**, Broun. T.N.Z.I. xxxiii. 178.

**Inophlœus**, Pascoe, 1875.

**traversii**, Pascoe. Man. N.Z. Coleop. 439, No. 770a.  
**inuus**, Pascoe. Man. N.Z. Coleop. 439, No. 771.  
**rhesus**, Pascoe. Man. N.Z. Coleop. 439, No. 772.  
**vitiosus**, Pascoe. Man. N.Z. Coleop. 440, No. 773.  
**rubidus**, Broun. Man. N.Z. Coleop. 699, No. 1231.  
**nigellus**, Broun. Man. N.Z. Coleop. 700, No. 1232.  
**prælatus**, Broun. Man. N.Z. Coleop. 851, No. 1514.  
**sulcifer**, Broun. Man. N.Z. Coleop. 905, No. 1618.  
**costifer**, Broun. Man. N.Z. Coleop. 932, No. 1676.  
**egregius**, Broun. Man. N.Z. Coleop. 962, No. 1737.  
**nodifer**, Broun. Man. N.Z. Coleop. 1200, No. 2125.

**Inophlœus alacer**, Broun. Man. N.Z. Coleop. 1200, No. 2126.  
**albonotatus**, Broun. Man. N.Z. Coleop. 1201, No. 2127.  
**vestitus**, Broun. Man. N.Z. Coleop. 1202, No. 2128.  
**suturalis**, Broun. Man. N.Z. Coleop. 1464, No. 2538.  
**villaris**, Pascoe. A.M.N.H. 4, xvi. 220.  
**medius**, Broun. A.M.N.H. 6, xii. 294.

## Sub-family CYLINDRORHINÆ.

**Phæophanus**, Broun, 1886.  
**rugosus**, Broun. Man. N.Z. Coleop. 793, No. 1414.  
**similis**, Broun. Man. N.Z. Coleop. 1216, No. 2145.  
**lituratus**, Broun. Man. N.Z. Coleop. 1216, No. 2146.

**Heteraomus**, Broun, 1893.  
**longipes**, Broun. Man. N.Z. Coleop. 1218, No. 2147.

**Anagotus**, Sharp, 1882.  
**helmsi**, Sharp. Man. N.Z. Coleop. 1215, No. 2144.

**Phoxoteles**, Broun, 1893.  
**graniger**, Broun. Man. N.Z. Coleop. 850, No. 1513.

**Heterotyles**, Broun, 1886.  
**argentatus**, Broun. Man. N.Z. Coleop. 795, No. 1417.

**Rhadinosomus**, Schönherr, 1840.  
**acuminatus**, Schönherr. Man. N.Z. Coleop. 430, 752.

*Genus of doubtful position:—*

**Geochus**, Broun, 1882.  
**inæqualis**, Broun. Man. N.Z. Coleop. 446, No. 785.  
**politus**, Broun. Man. N.Z. Coleop. 704, No. 1239.  
**rugulosus**, Broun. Man. N.Z. Coleop. 931, No. 1672.  
**similis**, Broun. Man. N.Z. Coleop. 1221, No. 2151.  
**nodosus**, Broun. Man. N.Z. Coleop. 1221, No. 2152.  
**plagiatus**, Broun. Man. N.Z. Coleop. 1365, No. 2389.  
**puncticollis**, Broun. Man. N.Z. Coleop. 1367, No. 2390.  
**squamosus**, Broun. Man. N.Z. Coleop. 1465, No. 2539.  
**tibialis**, Broun. Man. N.Z. Coleop. 1465, No. 2540.  
**marginatus**, Broun. Man. N.Z. Coleop. 1466, No. 2541.  
**frontalis**, Broun. Man. N.Z. Coleop. 1466, No. 2542.  
**nigripes**, Broun. Man. N.Z. Coleop. 1467, No. 2543.  
**setiger**, Broun. A.M.N.H. 6, xii. 295.

## Sub-family MOLYTINÆ.

**Lyperobius**, Pascoe, 1876.  
**huttoni**, Pascoe. Man. N.Z. Coleop. 445, No. 783.  
**tuberculatus**, Pascoe. Man. N.Z. Coleop. 445, No. 784.  
**carinatus**, Broun. Man. N.Z. Coleop. 702, No. 1236.  
**cipiendus**, Broun. Man. N.Z. Coleop. 962, No. 1738.  
**læviusculus**, Broun. T.N.Z.I. xxiii. 179.

**Lyperopais**, Broun, 1893.*mirus*, Broun. Man. N.Z. Coleop. 1222, No. 2153.

## Sub-family HYLOBIINÆ.

**Eiratus**, Pascoe, 1877.

- parvulus*, Pascoe. Man. N.Z. Coleop. 447, No. 786.
- tetricus*, Broun. Man. N.Z. Coleop. 447, No. 787.
- costatus*, Broun. Man. N.Z. Coleop. 794, No. 1416.
- ornatus*, Broun. Man. N.Z. Coleop. 906, No. 1619.
- suavis*, Broun. Man. N.Z. Coleop. 934, No. 1670.
- pyriformis*, Broun. Man. N.Z. Coleop. 1223, No. 2154.
- rugosus*, Broun. Man. N.Z. Coleop. 1223, No. 2155.

**Dryopais**, Broun, 1886.*variabilis*, Broun. Man. N.Z. Coleop. 933, No. 1678.**Pædaretus**, Pascoe, 1876.*hispidus*, Pascoe. Man. N.Z. Coleop. 444, No. 782.

## Sub-family RHYPAROSOMINÆ.

**Phrynxus**, Pascoe, 1875.

- terreus*, Pascoe. Man. N.Z. Coleop. 433, No. 758.
- astutus*, Pascoe. Man. N.Z. Coleop. 433, No. 759.
- celatus*, Broun. Man. N.Z. Coleop. 433, No. 760.
- modicus*, Broun. Man. N.Z. Coleop. 434, No. 761.
- facetus*, Broun. Man. N.Z. Coleop. 695, No. 1221.
- intricatus*, Broun. Man. N.Z. Coleop. 848, No. 1508.
- tuberculatus*, Broun. Man. N.Z. Coleop. 849, No. 1509.
- differens*, Broun. Man. N.Z. Coleop. 849, No. 1510.
- rufipes*, Broun. Man. N.Z. Coleop. 849, No. 1511.
- simplex*, Broun. Man. N.Z. Coleop. 1202, No. 2129.
- costirostris*, Broun. Man. N.Z. Coleop. 1203, No. 2130.
- humeralis*, Broun. Man. N.Z. Coleop. 1467, No. 2544.
- brevipennis*, Broun. Man. N.Z. Coleop. 1468, No. 2545.
- cedius*, Broun. Man. N.Z. Coleop. 1468, No. 2546.

**Bradypatæ**, Broun, 1893.*capitalis*, Broun. Man. N.Z. Coleop. 1206 and 850,  
No. 1512.*armiger*, Broun. A.M.N.H. 6, xii. 296.**Erymneus**, Pascoe, 1877.

- sharpi*, Pascoe. Man. N.Z. Coleop. 436, No. 764.
- scabiosus*, Broun. Man. N.Z. Coleop. 436, No. 765.
- castaneus*, Broun. Man. N.Z. Coleop. 436, No. 766.
- granulatus*, Broun. Man. N.Z. Coleop. 437, No. 767.
- longulus*, Broun. Man. N.Z. Coleop. 931, No. 1674.
- cœnosus*, Broun. Man. N.Z. Coleop. 932, No. 1675.
- ferrugatus*, Broun. Man. N.Z. Coleop. 1203, No. 2131.
- irregularis*, Broun. Man. N.Z. Coleop. 1367, No. 2391.

**Erymneus**, Broun. Man. N.Z. Coleop. 1469,  
No. 2547.  
**firmus**, Broun. Man. N.Z. Coleop. 1470, No. 2548.  
**probus**, Broun. A.M.N.H. 6, xii. 299.

**Lithocia**, Broun, 1893.  
**fimbriata**, Broun. Man. N.Z. Coleop. 1471, No. 2549.

**Pachyprynus**, Broun, 1886.  
**pyriformis**, Broun. Man. N.Z. Coleop. 792, No. 1413.  
**longiusculus**, Broun. Man. N.Z. Coleop. 434, No. 762.

**Dolioceuthus**, Broun, 1893.  
**dumetosus**, Broun. Man. N.Z. Coleop. 1208, No. 2135.  
**vestitus**, Broun. Man. N.Z. Coleop. 1209, No. 2136.

**Astyplus**, Broun, 1893.  
**conicus**, Broun. Man. N.Z. Coleop. 1210, No. 2137.

**Styphlotelus**, Broun, 1893.  
**foveatus**, Broun. Man. N.Z. Coleop. 1368, No. 2392.  
**fascicularis**, Broun. Man. N.Z. Coleop. 1369, No. 2393.

**Cuneopterus**, Sharp, 1886.  
**conicus**, Sharp. Man. N.Z. Coleop. 1204, No. 2132.  
**tenuicornis**, Broun. A.M.N.H. 6, xii. 297.

**Chamæpsephis**, Broun, 1893.  
**aurisetifer**, Broun. Man. N.Z. Coleop. 1207, No. 2134.

**Aræoscapus**, Broun, 1893.  
**ovipennis**, Broun. A.M.N.H. 6, xii. 300.  
**flavipes**, Broun. Man. N.Z. Coleop. 1473, No. 2552.  
**thoracicus**, Broun. Man. N.Z. Coleop. 1474, No. 2553.  
**obscurus**, Broun. Man. N.Z. Coleop. 1475, No. 2554.

**Bantiades**, Broun, 1893.  
**fuscatus**, Broun. Man. N.Z. Coleop. 1371, No. 2396.  
**valgus**, Broun. Man. N.Z. Coleop. 1472, No. 2551.

**Rachidiscus**, Broun, 1893.  
**granicollis**, Broun. Man. N.Z. Coleop. 1478, No. 2557.

**Dermotrichus**, Sharp, 1886.  
**mundulus**, Sharp. Man. N.Z. Coleop. 1205, No. 2133.

**Clypeorhynchus**, Sharp, 1883.  
**gracilipes**, Sharp. Man. N.Z. Coleop. 1211, No. 2138.  
**thoracicus**, Broun. Man. N.Z. Coleop. 1211, No. 2139.  
**brevicornis**, Broun. Man. N.Z. Coleop. 1212, No. 2140.  
**impressus**, Broun. Man. N.Z. Coleop. 1212, No. 2141.  
**ovipennis**, Broun. Man. N.Z. Coleop. 1213, No. 2142.  
**cordipennis**, Broun. Man. N.Z. Coleop. 1370, No. 2394.  
**cristatus**, Broun. Man. N.Z. Coleop. 1370, No. 2395.

**Dacnophylla**, Broun, 1893.

  setosa, Broun. Man. N.Z. Coleop. 1472, No. 2550.

  variegata, Broun. A.M.N.H. 6, xii. 301.

**Nestrius**, Broun, 1893.

  serripes, Broun. Man. N.Z. Coleop. 1480, No. 2559, and  
    A.M.N.H. 6, xii. 302.

**Plotnus**, Broun, 1893.

  ovithorax, Broun. Man. N.Z. Coleop. 1481, No. 2560.

**Phemus**, Broun, 1893.

  scabralis, Broun. Man. N.Z. Coleop. 1214, No. 2143.

  rufipes, Broun. Man. N.Z. Coleop. 1482, No. 2561.

**Rystheus**, Broun, 1893.

  ocularius, Broun. Man. N.Z. Coleop. 1219, No. 2148.

**Sosgenes**, Broun, 1893.

  carinatus, Broun. Man. N.Z. Coleop. 1477, No. 2556.

**Phyllodytes**, Broun, 1893.

  foveatus, Broun. Man. N.Z. Coleop. 1479, No. 2558.

**Phronira**, Broun, 1893.

  sulcirostre, Broun. Man. N.Z. Coleop. 696, No. 1222.

  asper, Broun. Man. N.Z. Coleop. 696, No. 1223.

  costosum, Broun. Man. N.Z. Coleop. 696, No. 1224.

  osculans, Broun. Man. N.Z. Coleop. 697, No. 1225.

  simplex, Broun. Man. N.Z. Coleop. 697, No. 1226.

  striatum, Broun. Man. N.Z. Coleop. 697, No. 1227.

  nodosum, Broun. Man. N.Z. Coleop. 1476, No. 2555.

#### Sub-family ERIRHININÆ.

**Philacta**, Broun, 1880.

  testacea, Broun. Man. N.Z. Coleop. 449, No. 789.

**Erirhinus**, Schönherr, 1826.

  acalyptoides, Pascoe. Man. N.Z. Coleop. 450, No. 790.

  limbatus, Pascoe. Man. N.Z. Coleop. 450, No. 791.

  glottis, Pascoe. Man. N.Z. Coleop. 450, No. 792.

  discoideus, Broun. Man. N.Z. Coleop. 451, No. 794.

  flavitarsis, Broun. Man. N.Z. Coleop. 451, No. 795.

  fasciatus, Broun. Man. N.Z. Coleop. 452, No. 796.

  viridipennis, Broun. Man. N.Z. Coleop. 452, No. 798.

  sexmaculatus, Broun. Man. N.Z. Coleop. 706, No. 1243.

  dolosus, Broun. Man. N.Z. Coleop. 707, No. 1244.

  fascialis, Broun. Man. N.Z. Coleop. 707, No. 1245.

  crucigerus, Broun. Man. N.Z. Coleop. 708, No. 1246.

  anchoralis, Broun. Man. N.Z. Coleop. 708, No. 1247.

  gracilirostris, Broun. Man. N.Z. Coleop. 708, No. 1248.

  stramineus, Broun. Man. N.Z. Coleop. 709, No. 1249.

**Erirhinus nocens**, Broun. Man. N.Z. Coleop. 709, No. 1250.  
**acceptus**, Broun. Man. N.Z. Coleop. 710, No. 1251.  
**femoralis**, Broun. Man. N.Z. Coleop. 710, No. 1252.  
**concolor**, Broun. Man. N.Z. Coleop. 710, No. 1253.  
**eustictus**, Broun. Man. N.Z. Coleop. 857, No. 1526.  
**veronicæ**, Broun. Man. N.Z. Coleop. 858, No. 1527.  
**thomsoni**, Broun. Man. N.Z. Coleop. 858, No. 1528.  
**bicavus**, Broun. Man. N.Z. Coleop. 859, No. 1529.  
**melastomus**, Broun. Man. N.Z. Coleop. 859, No. 1530.  
**confusus**, Broun. Man. N.Z. Coleop. 860, No. 1531.  
**xenorhinus**, Broun. Man. N.Z. Coleop. 860, No. 1532.  
**durus**, Broun. Man. N.Z. Coleop. 861, No. 1533.  
**fuscoventris**, Broun. Man. N.Z. Coleop. 861, No. 1534.  
**fulvus**, Broun. Man. N.Z. Coleop. 862, No. 1535.  
**cheesemani**, Broun. Man. N.Z. Coleop. 963, No. 1740.  
**difformipes**, Broun. Man. N.Z. Coleop. 964, No. 1741.  
**nesobius**, Broun. Man. N.Z. Coleop. 965, No. 1742.  
**anxius**, Broun. Man. N.Z. Coleop. 1372, No. 2397.  
**fuscipes**, Broun. Man. N.Z. Coleop. 1373, No. 2398.

**Dorytomus**, Stephens, 1831.

**trilobus**, Pascoe. Man. N.Z. Coleop. 453, No. 799.  
**rufirostris**, Broun. Man. N.Z. Coleop. 453, No. 801.  
**lateralis**, Broun. Man. N.Z. Coleop. 711, No. 1254.  
**sudus**, Broun. Man. N.Z. Coleop. 711, No. 1255.  
**ochraceus**, Broun. Man. N.Z. Coleop. 712, No. 1256.  
**æricomus**, Broun. Man. N.Z. Coleop. 795, No. 1418.  
**aciphyllæ**, Broun. Man. N.Z. Coleop. 965, No. 1743.

**Neomycta**, Pascoe, 1877.

**pulicaris**, Pascoe. Man. N.Z. Coleop. 457, No. 807.  
**rubida**, Broun. Man. N.Z. Coleop. 457, No. 808.

**Hypotagea**, Pascoe, 1876.

**rubida**, Pascoe. Man. N.Z. Coleop. 456, No. 804.  
**testaceipennis**, Broun. Man. N.Z. Coleop. 456, No. 805.  
**variegata**, Broun. Man. N.Z. Coleop. 456, No. 806.  
**creperus**, Broun. Man. N.Z. Coleop. 706, No. 1241.  
**simulans**, Broun. Man. N.Z. Coleop. 706, No. 1242.  
**castanea**, Broun. Man. N.Z. Coleop. 714, No. 1262.  
**vestita**, Broun. Man. N.Z. Coleop. 715, No. 1263.  
**dissona**, Broun. Man. N.Z. Coleop. 863, No. 1538.  
**tibialis**, Broun. Man. N.Z. Coleop. 1376, No. 2403.

**Euprocas**, Broun, 1886.

**scitulus**, Broun. Man. N.Z. Coleop. 1375, No. 2402.

**Alloprocas**, Broun, 1886.

**rufus**, Broun. Man. N.Z. Coleop. 1374, 2399.

**Celetotelus**, Broun, 1886.  
*fulvus*, Broun. Man. N.Z. Coleop. 1375, No. 2401.

**Phorostichus**, Broun, 1882.  
*linearis*, Broun. Man. N.Z. Coleop. 705, No. 1240.

**Simachus**, Broun, 1886.  
*montanus*, Broun. Man. N.Z. Coleop. 963, No. 1739.

**Aganeuma**, Broun, 1886.  
*rufula*, Broun. Man. N.Z. Coleop. 1484, No. 2563.

**Stilbopsis**, Broun, 1886.  
*politus*, Broun. Man. N.Z. Coleop. 1483, No. 2562.

**Etheophanus**, Broun, 1886.  
*pinguis*, Broun. Man. N.Z. Coleop. 1233, No. 2171.

**Praolepra**, Pascoe, 1880.  
*squamosa*, Pascoe. Man. N.Z. Coleop. 454, No. 801.  
*infusca*, Broun. Man. N.Z. Coleop. 452, No. 802.  
*albopicta*, Broun. Man. N.Z. Coleop. 712, No. 1257.  
*rufescens*, Broun. Man. N.Z. Coleop. 713, No. 1258.  
*varia*, Broun. Man. N.Z. Coleop. 713, No. 1259.  
*asperirostris*, Broun. Man. N.Z. Coleop. 713, No. 1260.  
*pallida*, Broun. Man. N.Z. Coleop. 714, No. 1261.

**Megacolabus**, Broun, 1886.  
*sculpturatus*, Broun. Man. N.Z. Coleop. 1378, No. 2407.

**Aneuma**, Pascoe, 1876.  
*fulvipes*, Pascoe. Man. N.Z. Coleop. 455, No. 803.  
*rubricalis*, Broun. Man. N.Z. Coleop. 452, No. 797.  
*stramineipes*, Broun. Man. N.Z. Coleop. 862, No. 1536.  
*ferruginea*, Broun. Man. N.Z. Coleop. 862, No. 1537.  
*compta*, Broun. Man. N.Z. Coleop. 934, No. 1680.

**Tysius**, Pascoe, 1875.  
*amplipennis*, Pascoe. Man. N.Z. Coleop. 458, No. 809.  
*purus*, Broun. Man. N.Z. Coleop. 1224, No. 2157.

**Cyttalia**, Pascoe, 1873.  
*dispar*, Broun. Man. N.Z. Coleop. 907, No. 1620.

**Cænophanus**, Broun, 1886.  
*flavipilus*, Broun. Man. N.Z. Coleop. 796, No. 1419.

**Eugnomus**, Schönherr, 1847.  
*elegans*, Pascoe. Man. N.Z. Coleop. 458, No. 810.  
*picipennis*, Pascoe. Man. N.Z. Coleop. 459, No. 811.  
*fervidus*, Pascoe. Man. N.Z. Coleop. 459, No. 812.  
*wakefieldi*, Pascoe. Man. N.Z. Coleop. 459, No. 813.  
*fucosus*, Pascoe. Man. N.Z. Coleop. 459, No. 814.  
*interstitialis*, Broun. Man. N.Z. Coleop. 460, No. 815.

**Eugnomus discolor**, Broun. Man. N.Z. Coleop. 460, No. 816.  
**cinnamoneus**, White. Man. N.Z. Coleop. 461, No. 817.  
**maculosus**, Broun. Man. N.Z. Coleop. 715, No. 1264.  
**nubilans**, Broun. Man. N.Z. Coleop. 715, No. 1265.  
**fasciatus**, Broun. Man. N.Z. Coleop. 716, No. 1266.  
**luctuosus**, Broun. Man. N.Z. Coleop. 863, No. 1539.  
**monachus**, Broun. Man. N.Z. Coleop. 966, No. 1744.  
**argutus**, Sharp. Man. N.Z. Coleop. 1225, No. 2158.  
**nobilis**, Broun. Man. N.Z. Coleop. 1225, No. 2159.  
**ænescens**, Broun. Man. N.Z. Coleop. 1226, No. 2160.  
**cyaneus**, Broun. Man. N.Z. Coleop. 1227, No. 2161.  
**tarsalis**, Broun. Man. N.Z. Coleop. 1227, No. 2162.  
**lituratus**, Broun. Man. N.Z. Coleop. 1227, No. 2163.  
**aspersus**, Broun. Man. N.Z. Coleop. 1376, No. 2404.  
**squamifer**, Broun. Man. N.Z. Coleop. 1377, No. 2405.  
**maurus**, Broun. Man. N.Z. Coleop. 1377, No. 2406.

**Oreocharis**, Broun, 1886.

**nigriceps**, Broun. Man. N.Z. Coleop. 864, No. 1540.  
**pigicularis**, Broun. Man. N.Z. Coleop. 865, No. 1541.  
**nigrescens**, Broun. Man. N.Z. Coleop. 865, No. 1542.  
**cyanea**, Broun. Man. N.Z. Coleop. 716, No. 1267.  
**vittata**, Broun. Man. N.Z. Coleop. 1228, No. 2164.  
**dealbata**, Broun. Man. N.Z. Coleop. 1228, No. 2165.

**Hoplocneme**, White, 1846.

**hookeri**, White. Man. N.Z. Coleop. 461, No. 818.  
**punctatissima**, Pascoe. Man. N.Z. Coleop. 461, No. 819.  
**squamosa**, Broun. Man. N.Z. Coleop. 462, No. 820.  
**inæqualis**, Broun. Man. N.Z. Coleop. 1229, No. 2166.  
**cyanea**, Broun. Man. N.Z. Coleop. 1230, No. 2167.

**Stephanorhynchus**, White, 1846.

**curvipes**, White. Man. N.Z. Coleop. 462, No. 821.  
**brevipennis**, Pascoe. Man. N.Z. Coleop. 463, No. 822.  
**lawsoni**, Sharp. Man. N.Z. Coleop. 463, No. 823.  
**crassus**, Broun. Man. N.Z. Coleop. 464, No. 824.  
**tuberousus**, Broun. Man. N.Z. Coleop. 717, No. 1268.  
**fatuus**, Broun. Man. N.Z. Coleop. 718, No. 1269.  
**griseipictus**, Broun. Man. N.Z. Coleop. 866, No. 1543.  
**nigrosparsus**, Broun. Man. N.Z. Coleop. 1230, No. 2168.  
**insolitus**, Broun. Man. N.Z. Coleop. 1231, No. 2169.  
**costifer**, Broun. Man. N.Z. Coleop. 1231, No. 2170.  
**attelaboides**, Fabricius. Ent. Syst. p. 156.

**Pactola**, Pascoe, 1876.

**variabilis**, Pascoe. Man. N.Z. Coleop. 465, No. 825.  
**demissa**, Pascoe. Man. N.Z. Coleop. 465, No. 826.  
**humeralis**, Broun. A.M.N.H. 6, xv. 407.

**Brexius**, Pascoe, 1870.

*ascitus*, Pascoe. Man. N.Z. Coleop. 465, No. 827.

Sub-family APIONINÆ.

**Apion**, Herbst, 1797.

*metrosideros*, Broun. Man. N.Z. Coleop. 466, No. 828.

Sub-family RHINOMACERINÆ.

**Rhinorhynchus**, Sharp, 1882.

*rufulus*, Broun. Man. N.Z. Coleop. 467, No. 829.

Sub-family BELINÆ.

**Pachyura**, Hope, 1833.

*metallica*, Pascoe. Man. N.Z. Coleop. 469, No. 830.

*rubicunda*, Broun. Man. N.Z. Coleop. 469, No. 831.

*sumptuosa*, Broun. Man. N.Z. Coleop. 470, No. 832.

*albocoma*, Broun. Man. N.Z. Coleop. 1233, No. 2172.

*stictica*, Broun. Man. N.Z. Coleop. 1379, No. 2408.

**Agathinus**, Broun, 1880.

*tridens*, Fabricius. Man. N.Z. Coleop. 471, No. 834.

Sub-family SCOLOPTERINÆ.

**Scolopterus**, White, 1846.

*tetraanthus*, White. Man. N.Z. Coleop. 472, No. 835.

*æquus*, Broun. Man. N.Z. Coleop. 473, No. 836.

*penicillatus*, White. Man. N.Z. Coleop. 473, No. 837.

*pectoralis*, Broun. Man. N.Z. Coleop. 474, No. 838.

*æneorufus*, Broun. Man. N.Z. Coleop. 718, No. 1270.

**Icmalius**, Broun, 1893.

*abnormis*, Broun. Man. N.Z. Coleop. 908, No. 1623.

*helmsi*, Sharp. Ent. Mon. Mag. xviii. 47.

**Nyxetes**, Pascoe, 1870.

*bidens*, Fabricius. Man. N.Z. Coleop. 474, No. 839.

*rufipes*, Broun. Man. N.Z. Coleop. 718, No. 1271.

**Ancistropterus**, White, 1846.

*quadrispinosus*, White. Man. N.Z. Coleop. 475, No. 840.

*brouni*, Sharp. Man. N.Z. Coleop. 475, No. 841.

*pilosus*, Broun. Man. N.Z. Coleop. 476, No. 843.

**Amylopterus**, Broun, 1886.

*prasinus*, Broun. Man. N.Z. Coleop. 797, No. 1420.

**Oropterus**, White, 1846.

*coniger*, White. Man. N.Z. Coleop. 477, No. 844.

Sub-family TYCHIINÆ.

**Sibinia**, Germar, 1824.

*tychioides*, Pascoe. Man. N.Z. Coleop. 478, No. 845.

## Sub-family CRYPTORHYNCHINÆ.

**Psepholax**, White, 1846.

- sulcatus*, White. Man. N.Z. Coleop. 479, No. 846.
- granulatus*, Broun. Man. N.Z. Coleop. 479, No. 847.
- cornutus*, Broun. Man. N.Z. Coleop. 479, No. 848.
- barbifrons*, White. Man. N.Z. Coleop. 480, No. 849.
- punctulatus*, Broun. Man. N.Z. Coleop. 480, No. 850.
- rostralis*, Broun. Man. N.Z. Coleop. 480, No. 851.
- coronatus*, White. Man. N.Z. Coleop. 481, No. 852.
- femoratus*, Broun. Man. N.Z. Coleop. 481, No. 853.
- simplex*, Pascoe. Man. N.Z. Coleop. 481, No. 854.
- mystacinus*, Broun. Man. N.Z. Coleop. 866, No. 1544.
- mediocris*, Broun. Man. N.Z. Coleop. 909, No. 1624.
- brevicornis*, Broun. Man. N.Z. Coleop. 1382, No. 2413.
- crassicornis*, Broun. A.M.N.H. 6, xv. 408.

**Pseudoreda**, Broun, 1893.

- tibialis*, Broun. Man. N.Z. Coleop. 1383 and 482, No. 855.

**Oreda**, White, 1846.

- notata*, White. Man. N.Z. Coleop. 487, No. 862.
- brevis*, Pascoe. Man. N.Z. Coleop. 487, No. 863.
- murina*, Broun. Man. N.Z. Coleop. 487, No. 864.

**Mesoreda**, Broun, 1893.

- setigera*, Broun. Man. N.Z. Coleop. 1235 and 488, No. 865.
- orthorhina*, Broun. Man. N.Z. Coleop. 909, No. 1625.

**Homoreda**, Broun, 1893.

- punctata*, Broun. Man. N.Z. Coleop. 1383, No. 2414.

**Aldonus**, White, 1846.

- hylobioides*, White. Man. N.Z. Coleop. 483, No. 856.
- celator*, Pascoe. Man. N.Z. Coleop. 483, No. 857.
- rostratus*, Broun. Man. N.Z. Coleop. 483, No. 858.

**Nothaldonus**, Broun, 1893.

- peacei*, Broun. Man. N.Z. Coleop. 484, No. 859.

**Incentia**, Broun, 1880.

- nubila*, Broun. Man. N.Z. Coleop. 485, No. 860.
- straminea*, Broun. Man. N.Z. Coleop. 486, No. 861.

**Ectopsis**, Broun, 1881.

- ferrugalis*, Broun. Man. N.Z. Coleop. 719, No. 1272.
- simplex*, Broun. A.M.N.H. 6, xii. 383.

**Tychanus**, Pascoe, 1876.

- gibbus*, Pascoe. Man. N.Z. Coleop. 498, No. 885.
- ferrugatus*, Pascoe. Man. N.Z. Coleop. 498, No. 886.
- densus*, Broun. Man. N.Z. Coleop. 499, No. 887.
- verrucosus*, Pascoe. Man. N.Z. Coleop. 499, No. 888.

**Tychanus lachrymosus**, Broun. Man. N.Z. Coleop. 729,  
No. 1294.

**scabiosus**, Broun. Man. N.Z. Coleop. 801, No. 1429.

**quadratus**, Broun. Man. N.Z. Coleop. 867, No. 1545.

**ventralis**, Broun. Man. N.Z. Coleop. 935, No. 1682.

**bufo**, Sharp. Man. N.Z. Coleop. 1239, No. 2182.

**dux**, Broun. Man. N.Z. Coleop. 1240, No. 2183.

**Sympedius**, Pascoe, 1876.

**testudo**, Pascoe. Man. N.Z. Coleop. 500, No. 889.

**vexatus**, Pascoe. Man. N.Z. Coleop. 500, No. 890.

**curtus**, Broun. Man. N.Z. Coleop. 728, No. 1293.

**lepidus**, Broun. Man. N.Z. Coleop. 935, No. 1683.

**Crisius**, Pascoe, 1876.

**binotatus**, Pascoe. Man. N.Z. Coleop. 500, No. 891.

**variegatus**, Broun. Man. N.Z. Coleop. 501, No. 892.

**scutellaris**, Broun. Man. N.Z. Coleop. 501, No. 893.

**obesulus**, Sharp. Man. N.Z. Coleop. 1241, No. 2184.

**picicollis**, Broun. Man. N.Z. Coleop. 1241, No. 2185.

**signatus**, Broun. Man. N.Z. Coleop. 1242, No. 2186.

**ornatus**, Broun. Man. N.Z. Coleop. 1242, No. 2187.

**fasciculatus**, Broun. Man. N.Z. Coleop. 1492, No. 2574.

**Agacalles**, Broun, 1886.

**formosus**, Broun. Man. N.Z. Coleop. 967, No. 1746.

**Getacalles**, Broun, 1893.

**rostralis**, Broun. Man. N.Z. Coleop. 1380, No. 2410.

**minor**, Broun. Man. N.Z. Coleop. 1381, No. 2411.

**humeralis**, Broun. Man. N.Z. Coleop. 1381, No. 2412.

**inæqualis**, Broun. Man. N.Z. Coleop. 1493, No. 2575.

**Tychanopais**, Broun, 1893.

**pictulus**, Broun. Man. N.Z. Coleop. 1380, No. 2410.

**Dendrostyggnus**, Broun, 1895.

**calcaratus**, Broun. A.M.N.H. 6, xv. 410.

**Hadracalles**, Broun, 1893.

**fuliginosus**, Broun. Man. N.Z. Coleop. 1384, No. 2415.

**Acalles**, Schönherr, 1826.

**intutus**, Pascoe. Man. N.Z. Coleop. 489, No. 866.

**erroneus**, Pascoe. Man. N.Z. Coleop. 489, No. 867.

**hystriculus**, Pascoe. Man. N.Z. Coleop. 489, No. 868.

**impexus**, Pascoe. Man. N.Z. Coleop. 490, No. 869.

**perpusillus**, Pascoe. Man. N.Z. Coleop. 490, No. 870.

**trinotatus**, Broun. Man. N.Z. Coleop. 490, No. 871.

**pascoei**, Broun. Man. N.Z. Coleop. 491, No. 872.

**signatus**, Broun. Man. N.Z. Coleop. 491, No. 873.

**Acalles tortipes**, Broun. Man. N.Z. Coleop. 492, No. 874.  
**crisioides**, Broun. Man. N.Z. Coleop. 492, No. 875.  
**vividus**, Broun. Man. N.Z. Coleop. 493, No. 876.  
**certus**, Broun. Man. N.Z. Coleop. 493, No. 877.  
**scitus**, Broun. Man. N.Z. Coleop. 494, No. 878.  
**ovatellus**, Broun. Man. N.Z. Coleop. 720, No. 1273.  
**læviculus**, Broun. Man. N.Z. Coleop. 721, No. 1275.  
**cristatus**, Broun. Man. N.Z. Coleop. 721, No. 1276.  
**rudis**, Broun. Man. N.Z. Coleop. 721, No. 1277.  
**dorsalis**, Broun. Man. N.Z. Coleop. 722, No. 1278.  
**volens**, Broun. Man. N.Z. Coleop. 722, No. 1279.  
**horridus**, Broun. Man. N.Z. Coleop. 723, No. 1280.  
**rubricus**, Broun. Man. N.Z. Coleop. 723, No. 1281.  
**spurcus**, Broun. Man. N.Z. Coleop. 724, No. 1282.  
**mundus**, Broun. Man. N.Z. Coleop. 724, No. 1283.  
**canescens**, Broun. Man. N.Z. Coleop. 725, No. 1284.  
**arctus**, Broun. Man. N.Z. Coleop. 725, No. 1285.  
**vafrus**, Broun. Man. N.Z. Coleop. 725, No. 1286.  
**griseus**, Broun. Man. N.Z. Coleop. 797, No. 1421.  
**diversus**, Broun. Man. N.Z. Coleop. 798, No. 1422.  
**cingulatus**, Broun. Man. N.Z. Coleop. 798, No. 1423.  
**sentus**, Broun. Man. N.Z. Coleop. 799, No. 1424.  
**latirostris**, Broun. Man. N.Z. Coleop. 799, No. 1425.  
**decemcristatus**, Broun. Man. N.Z. Coleop. 800, No. 1426.  
**triangulatus**, Broun. Man. N.Z. Coleop. 800, No. 1427.  
**huttoni**, Brown. Man. N.Z. Coleop. 801, No. 1428.  
**setifer**, Broun. Man. N.Z. Coleop. 867, No. 1546.  
**posticalis**, Broun. Man. N.Z. Coleop. 868, No. 1547.  
**terricola**, Broun. Man. N.Z. Coleop. 934, No. 1681.  
**floricola**, Broun. Man. N.Z. Coleop. 966, No. 1745.  
**veratrus**, Broun. Man. N.Z. Coleop. 1235, No. 2173.  
**maritimus**, Broun. Man. N.Z. Coleop. 1236, No. 2174.  
**cryptobius**, Broun. Man. N.Z. Coleop. 1236, No. 2175.  
**ingens**, Broun. Man. N.Z. Coleop. 1236, No. 2176.  
**xanthostictus**, Broun. Man. N.Z. Coleop. 1237, No. 2177.  
**adamsi**, Broun. Man. N.Z. Coleop. 1237, No. 2178.  
**concinnus**, Broun. Man. N.Z. Coleop. 1238, No. 2179.  
**australis**, Broun. Man. N.Z. Coleop. 1239, No. 2180.  
**mimus**, Broun. Man. N.Z. Coleop. 1385, No. 2416.  
**lepirhinus**, Broun. Man. N.Z. Coleop. 1385, No. 2417.  
**sympedioides**, Broun. Man. N.Z. Coleop. 1386, No. 2418.  
**dolosus**, Broun. Man. N.Z. Coleop. 1484, No. 2564.  
**comptus**, Broun. Man. N.Z. Coleop. 1486, No. 2565.  
**facilis**, Broun. Man. N.Z. Coleop. 1486, No. 2566.  
**quietus**, Broun. Man. N.Z. Coleop. 1487, No. 2567.  
**aulacus**, Broun. Man. N.Z. Coleop. 1489, No. 2570.  
**allostethus**, Broun. Man. N.Z. Coleop. 1490, No. 2571.

**Acalles incultus**, Broun. Man. N.Z. Coleop. 1490, No. 2572.  
**integer**, Broun. A.M.N.H. 6, xii. 374.  
**formosus**, Broun. A.M.N.H. 6, xii. 375.  
**ruficollis**, Broun. A.M.N.H. 6, xii. 376.  
**porcatus**, Broun. A.M.N.H. 6, xii. 377.  
**puncticollis**, Broun. A.M.N.H. 6, xii. 378.  
**farinosus**, Broun. A.M.N.H. 6, xii. 378.  
**fougeri**, Hutton. T.N.Z.I. xxx. 157.

**Acallopais**, Pascoe. 1877.

**rudis**, Pascoe. Man. N.Z. Coleop. 495, No. 879.  
**sculpturatus**, Broun. Man. N.Z. Coleop. 495, No. 880.

**Scelodolichus**, Broun, 1880.

**celsus**, Broun. Man. N.Z. Coleop. 496, No. 881.  
**lineithorax**, Broun. Man. N.Z. Coleop. 496, No. 882.  
**setosus**, Broun. Man. N.Z. Coleop. 726, No. 1287.  
**villosus**, Broun. Man. N.Z. Coleop. 726, No. 1288.  
**denotans**, Broun. Man. N.Z. Coleop. 726, No. 1289.  
**altulus**, Broun. Man. N.Z. Coleop. 968, No. 1747.  
**juncobius**, Broun. Man. N.Z. Coleop. 1239, No. 2181.  
**hilaris**, Broun. Man. N.Z. Coleop. 1491, No. 2573.  
**politus**, Broun. A.M.N.H. 6, xv. 412.  
**squamosus**, Broun. A.M.N.H. 6, xv. 413.

**Zeacalles**, Broun, 1893.

**flavescens**, Broun. A.M.N.H. 6, xii. 380.  
**varius**, Broun. A.M.N.H. 6, xii. 381.  
**alpestris**, Broun. Man. N.Z. Coleop. 1488, No. 2563.  
**picatus**, Broun. Man. N.Z. Coleop. 1488, No. 2569.

**Cyclacalles**, Broun, 1880.

**setiger**, Broun. Man. N.Z. Coleop. 497, No. 883.  
**vestitus**, Broun. Man. N.Z. Coleop. 497, No. 884.

**Schylus**, Broun, 1895.

**nigricollis**, Broun. A.M.N.H. 6, xv. 412.

**Metacalles**, Broun, 1893.

**aspersus**, Broun. A.M.N.H. 6, xii. 382.  
**rugicollis**, Broun. A.M.N.H. 6, xii. 383.  
**cordipennis**, Broun. Man. N.Z. Coleop. 720, No. 1274.  
**latus**, Broun. Man. N.Z. Coleop. 727, No. 1290.  
**crinitus**, Broun. Man. N.Z. Coleop. 727, No. 1291.  
**exiguus**, Broun. Man. N.Z. Coleop. 728, No. 1292.

**Dermothrius**, Broun, 1882.

**sanguineus**, Broun. Man. N.Z. Coleop. 730, No. 1295.

**Euthryhinus**, Schönherr, 1837.

**squamiger**, White. Man. N.Z. Coleop. 503, No. 896.

**Rhyncodes**, White, 1846.

- ursus**, White. Man. N.Z. Coleop. 502, No. 894.
- saunderisi**, White. Man. N.Z. Coleop. 503, No. 895.
- squamatus**, Broun. Man. N.Z. Coleop. 730, No. 1296.
- atrus**, Broun. Man. N.Z. Coleop. 802, No. 1430.
- weberi**, Colenso. T.N.Z.I. xiv. 281.
- rubipunctatus**, Colenso. T.N.Z.I. xiv. 282.

**Mitrastethus**, Redtenbacher, 1868.

- bituberculatus**, Fabricius. Man. N.Z. Coleop. 504, No. 897.

**Paranomocerus**, Redtenbacher, 1868.

- spiculus**, Redtenbacher. Man. N.Z. Coleop. 505, No. 898.
- maurus**, Broun. Man. N.Z. Coleop. 505, No. 899.

**Idotasia**, Pascoe, 1871.

- egena**, Pascoe. Man. N.Z. Coleop. 506, No. 900.

**Mecistostylus**, Lacordaire, 1866.

- douei**, Lacordaire. Gen. Col. vii.

**Sympiezoscelus**, Waterhouse, 1853.

- spencei**, Waterhouse. Trans. Ent. Soc. 2, ii. 204.

## Sub-family COSSONINÆ.

**Pentarthrum**, Wollaston, 1854.

- apicale**, Broun. Man. N.Z. Coleop. 509, No. 906.
- sculpturatum**, Broun. Man. N.Z. Coleop. 731, No. 1297.
- rufum**, Broun. Man. N.Z. Coleop. 510, No. 908.
- confinis**, Broun. Man. N.Z. Coleop. 732, No. 1299.
- asperellum**, Broun. Man. N.Z. Coleop. 733, No. 1301.
- punctatissimum**, Broun. Man. N.Z. Coleop. 1246, No. 2194.

- porcatum**, Sharp. Man. N.Z. Coleop. 1248, No. 2198.
- antennale**, Broun. A.M.N.H. 6, xv. 415.
- zealandicum**, Wollaston. Man. N.Z. Coleop. 508, No. 903.
- subsericatum**, Wollaston. Man. N.Z. Coleop. 509, No. 905.
- cylindricum**, Wollaston. Trans. Ent. Soc. 2, v. 398.
- punctirostre**, Broun. Man. N.Z. Coleop. 733, No. 1300.
- melanosternum**, Broun. Man. N.Z. Coleop. 869, No. 1548.
- fultoni**, Broun. Man. N.Z. Coleop. 1243, No. 2189.
- amicum**, Broun. Man. N.Z. Coleop. 1247, No. 2195.
- brunneum**, Broun. Man. N.Z. Coleop. 510, No. 907.
- brevirostre**, Sharp. Man. N.Z. Coleop. 512, No. 911.
- ruficorne**, Broun. Man. N.Z. Coleop. 734, No. 1304.
- rugirostre**, Broun. Man. N.Z. Coleop. 734, No. 1303.
- punctatum**, Broun. Man. N.Z. Coleop. 518, No. 925.
- piceum**, Broun. Man. N.Z. Coleop. 515, No. 919.
- reductum**, Broun. Man. N.Z. Coleop. 732, No. 1298.
- assimilatum**, Broun. Man. N.Z. Coleop. 511, No. 909.

**Pentarthrum longirostre**, Wollaston. Man. N.Z. Coleop. 508, No. 904.

- morosum**, Broun. Man. N.Z. Coleop. 969, No. 1749.
- fulvum**, Broun. Man. N.Z. Coleop. 1243, No. 2188.
- crenatum**, Broun. Man. N.Z. Coleop. 804, No. 1431.
- lateritium**, Broun. Man. N.Z. Coleop. 518, No. 924.
- exile**, Broun. Man. N.Z. Coleop. 1245, No. 2193.
- nubilum**, Broun. Man. N.Z. Coleop. 1244, No. 2191.
- aurantiacum**, Broun. Man. N.Z. Coleop. 1245, No. 2192.
- macrocephalum**, Broun. Man. N.Z. Coleop. 869, No. 1549.
- diversum**, Broun. Man. N.Z. Coleop. 1244, No. 2190.
- cephalotes**, Sharp. Man. N.Z. Coleop. 1247, No. 2197.
- angustum**, Broun. Man. N.Z. Coleop. 910, No. 1626.
- proximum**, Broun. Man. N.Z. Coleop. 910, No. 1627.
- spadiceum**, Broun. Man. N.Z. Coleop. 911, No. 1628.
- servuum**, Broun. Man. N.Z. Coleop. 911, No. 1629.
- comatum**, Broun. Man. N.Z. Coleop. 968, No. 1748.
- philpotti**, Broun. A.M.N.H. 6, xv. 415.
- helmsianum**, Sharp. Man. N.Z. Coleop. 1247, No. 2196.

**Sericotrogus**, Wollaston, 1873.

- subænescens**, Wollaston. Man. N.Z. Coleop. 521, No. 929.
- ovicollis**, Broun. Man. N.Z. Coleop. 522, No. 931.
- stramineus**, Broun. Man. N.Z. Coleop. 523, No. 932.
- simulans**, Sharp. Man. N.Z. Coleop. 523, No. 933.
- vestitus**, Broun. Man. N.Z. Coleop. 514, No. 916.
- auricomus**, Broun. Man. N.Z. Coleop. 733, No. 1302.

**Eucossonus**, Broun, 1886.

- comptus**, Broun. Man. N.Z. Coleop. 870, No. 1550.
- elegans**, Broun. Man. N.Z. Coleop. 1386, No. 2419.
- gracilis**, Broun. Man. N.Z. Coleop. 1387, No. 2420.
- setiger**, Sharp. Man. N.Z. Coleop. 523, No. 934.
- castus**, Broun. Man. N.Z. Coleop. 736, No. 1307.

**Agastegnus**, Broun, 1886.

- ruficollis**, Broun. Man. N.Z. Coleop. 806, No. 1432.
- coloratus**, Broun. Man. N.Z. Coleop. 911, No. 1630.
- femoralis**, Broun. Man. N.Z. Coleop. 970, No. 1751.
- sericatus**, Broun. Man. N.Z. Coleop. 970, No. 1752.
- nitidirostris**, Broun. Man. N.Z. Coleop. 1250, No. 2202.
- distinctus**, Broun. Man. N.Z. Coleop. 1388, No. 2421.
- longipes**, Broun. Man. N.Z. Coleop. 522, No. 930.

**Microtribus**, Wollaston, 1873.

- huttoni**, Wollaston. Man. N.Z. Coleop. 527, No. 937.
- pictonensis**, Sharp. Man. N.Z. Coleop. 1250, No. 2203.

**Mesoxenophasis**, Wollaston, 1874.

- brouni**, Wollaston. Man. N.Z. Coleop. 525, No. 935.

**Entium**, Sharp, 1878.

aberrans, Sharp. Man. N.Z. Coleop. 520, No. 927.

**Agrilochilus**, Broun, 1880.

prolixus, Broun. Man. N.Z. Coleop. 521, No. 928.

**Novitas**, Broun, 1880.

rufus, Broun. Man. N.Z. Coleop. 528, No. 938.

nigrans, Broun. A.M.N.H. 6, xii. 385; Man. N.Z. Coleop. 528, No. 939.

dispar, Broun. Man. N.Z. Coleop. 1251, No. 2204.

**Rhinanisus**, Broun, 1886.

fulvicornis, Broun. Man. N.Z. Coleop. 512, No. 912.

parvicornis, Sharp. Man. N.Z. Coleop. 513, No. 913.

contiguus, Broun. Man. N.Z. Coleop. 517, No. 923.

confertum, Sharp. Man. N.Z. Coleop. 1248, No. 2199.

constrictus, Sharp. Man. N.Z. Coleop. 1249, No. 2200.

cheesemani, Broun. Man. N.Z. Coleop. 1249, No. 2201.

sagax, Broun. Man. N.Z. Coleop. 969, No. 1750.

**Macroscytalus**, Broun, 1886.

laticollis, Broun. Man. N.Z. Coleop. 737, No. 1308.

russulus, Broun. Man. N.Z. Coleop. 737, No. 1309.

remotus, Sharp. Man. N.Z. Coleop. 513, No. 914.

aeneopiceus, Broun. Man. N.Z. Coleop. 513, No. 915.

badius, Broun. Man. N.Z. Coleop. 516, No. 920.

frontalis, Broun. A.M.N.H. 6, xii. 386.

**Bæorhopalus**, Broun, 1886.

glabrus, Broun. Man. N.Z. Coleop. 735, No. 1305.

**Glyphoramphus**, Broun, 1886.

rarus, Broun. Man. N.Z. Coleop. 971, No. 1753.

**Camptoscapus**, Broun, 1893.

sanguineus, Broun. A.M.N.H. 6, xii. 385.

planiusculus, Broun. Man. N.Z. Coleop. 511, No. 910.

conicollis, Broun. Man. N.Z. Coleop. 735, No. 1306.

**Idus**, Broun, 1893.

cæcus, Broun. Man. N.Z. Coleop. 1494, No. 2576.

**Heteropsis**, Wollaston, 1873.

lawsoni, Wollaston. Man. N.Z. Coleop. 529, No. 940.

**Proconus**, Broun, 1886.

asperirostris, Broun. Man. N.Z. Coleop. 516, No. 921.

crassipes, Broun. Man. N.Z. Coleop. 912, No. 1631.

**Diöedimorpha**, Broun, 1886.

wollastonianum, Sharp. Man. N.Z. Coleop. 514, No. 917.

debile, Sharp. Man. N.Z. Coleop. 514, No. 918.

**Arecocryptus**, Broun, 1903 (substituted for *Canthorhynchus*).

bellus, Broun. Man. N.Z. Coleop. 526, No. 936.

**Phloeophagosoma**, Wollaston, 1873.

- corvinum**, Wollaston. Man. N.Z. Coleop. 530, No. 941.
- thoracicum**, Wollaston. Man. N.Z. Coleop. 531, No. 943.
- dilutum**, Wollaston. Man. N.Z. Coleop. 531, No. 944.
- pedatum**, Wollaston. Man. N.Z. Coleop. 532, No. 945.
- rugipenne**, Broun. Man. N.Z. Coleop. 738, No. 1310.
- abdominale**, Broun. Man. N.Z. Coleop. 738, No. 1311.
- serenum**, Broun. Man. N.Z. Coleop. 1251, No. 2205.

**Eutoronus**, Wollaston, 1873.

- dubius**, Wollaston. Man. N.Z. Coleop. 534, No. 948.
- vicinus**, Broun. Man. N.Z. Coleop. 535, No. 949.
- breviceps**, Broun. Man. N.Z. Coleop. 535, No. 950.
- amplus**, Broun. Man. N.Z. Coleop. 535, No. 951.
- littoralis**, Broun. Man. N.Z. Coleop. 536, No. 952.
- cylindricus**, Broun. Man. N.Z. Coleop. 1252, No. 2206
- parvulus**, Broun. Man. N.Z. Coleop. 1253, No. 2207

**Arecophaga**, Broun, 1880.

- varia**, Broun. Man. N.Z. Coleop. 534, No. 947.

**Pogonohrinus**, Broun, 1903 (substituted for *Sasiorhinus*, 1880).

- opus**, Broun. Man. N.Z. Coleop. 533, No. 946.

**Euodontus**, Broun, 1886.

- punctithorax**, Broun. Man. N.Z. Coleop. 808, No. 1434.

**Exomesites**, Broun, 1886.

- optimus**, Broun. Man. N.Z. Coleop. 972, No. 1754.

**Stilbocara**, Broun, 1893.

- nitida**, Broun. A.M.N.H. 6, xii. 387.
- constricticollis**, Broun. Man. N.Z. Coleop. 530, No. 942.

**Allaorus**, Broun, 1893.

- urquharti**, Broun. Man. N.Z. Coleop. 1495, No. 2577.
- pedatus**, Broun. Man. N.Z. Coleop. 1496, No. 2578.
- sternalis**, Broun. Man. N.Z. Coleop. 1496, No. 2579.
- ovatus**, Broun. Man. N.Z. Coleop. 1497, No. 2580.
- pyriformis**, Broun. Man. N.Z. Coleop. 1223, No. 2154.
- rugosus**, Broun. Man. N.Z. Coleop. 1223, No. 2155.
- versutus**, Broun. Man. N.Z. Coleop. 447, No. 788.

**Pselactus**, Broun, 1886.

- punctatus**, Broun. Man. N.Z. Coleop. 972, No. 1755

**Xenocnema**, Wollaston, 1873.

- spinipes**, Wollaston. Man. N.Z. Coleop. 537, No. 953.

**Inosomus**, Broun, 1903 (substituted for *Stenopus*, 1880).

- rufopiceus**, Broun. Man. N.Z. Coleop. 739, No. 1312.

## Family SCOLYTIDÆ.

## Sub-family SCOLYTINÆ.

**Pachycotes**, Sharp, 1877.*ventralis*, Sharp. Man. N.Z. Coleop. 538, No. 954.**Hylastes**, Erichson, 1836.*peregrinus*, Chapuis. Man. N.Z. Coleop. 539, No. 955.**Acrantus**, Broun, 1903 (substituted for *Homarus*, 1881).*mundulus*, Broun. Man. N.Z. Coleop. 740, No. 1313.*opus*, Broun. A.M.N.H. 6, xv. 417.**Dendrotrupes**, Broun, 1881.*vestitus*, Broun. Man. N.Z. Coleop. 741, No. 1314.*costiceps*, Broun. Man. N.Z. Coleop. 741, No. 1315.**Tomicus**, Latreille, 1810.*asper*, Broun. Man. N.Z. Coleop. 742, No. 1316.**Mesoscolytus**, Broun, 1903 (substituted for *Apate*).*inurbanus*, Broun. Man. N.Z. Coleop. 346, No. 629.

## Sub-family PLATYPIDÆ.

**Platypus**, Herbst, 1793.*douei*, Reich. Man. N.Z. Coleop. 540, No. 956.*apicalis*, White. Man. N.Z. Coleop. 541, No. 957.*caviceps*, Broun. Man. N.Z. Coleop. 541, No. 958.*castaneus*, Broun. Man. N.Z. Coleop. 542, No. 959.*lobatus*, Broun. Man. N.Z. Coleop. 1253, No. 2208.*gracilis*, Broun. Man. N.Z. Coleop. 1254, No. 2209.

## Family BRENTIIDÆ.

**Lasiorhynchus**, Lacordaire, 1866.*barbicornis*, Fabricius. Man. N.Z. Coleop. 544, No. 961.*cylindricornis*, Fabricius. Man. N.Z. Coleop. 543, No. 960.

## Family ANTHRIBIDÆ.

**Anthribus**, Geoffroy, 1762.*spinifer*, Sharp. Man. N.Z. Coleop. 545, No. 962.*sharpi*, Broun. Man. N.Z. Coleop. 546, No. 963.*brouni*, Sharp. Man. N.Z. Coleop. 547, No. 964.*sandageri*, Broun. Man. N.Z. Coleop. 1261, No. 2224.*obsoletus*, Broun. Man. N.Z. Coleop. 1262. No.*rudis*, Sharp. Man. N.Z. Coleop. 547, No. 965.*bullatus*, Sharp. Man. N.Z. Coleop. 548, No. 966.*vates*, Sharp. Man. N.Z. Coleop. 548, No. 967.*inornatus*, Sharp. Man. N.Z. Coleop. 1255, No. 2212.*concolor*, Sharp. Man. N.Z. Coleop. 1256, No. 2213.*brunneus*, Broun. Man. N.Z. Coleop. 1262, No. 2225.*flavipilus*, Broun. A.M.N.H. 6, xv. 417.

**Anthribus tessellatus**, Broun. Man. N.Z. Coleop. 1263,  
No. 2226.

**curvatus**, Broun. Man. N.Z. Coleop. 1263, No. 2227.

**lanuginosus**, Broun. Man. N.Z. Coleop. 549, No. 968.

**phymatodes**, Redtenbacher. Man. N.Z. Coleop. 550,  
No. 969.

**hetæra**, Sharp. Man. N.Z. Coleop. 550, No. 970.

**discedens**, Sharp. Man. N.Z. Coleop. 551, No. 971.

**altus**, Sharp. Man. N.Z. Coleop. 551, No. 972.

**ornatus**, Sharp. Man. N.Z. Coleop. 552, No. 973.

**huttoni**, Sharp. Man. N.Z. Coleop. 553, No. 974.

**decens**, Broun. Man. N.Z. Coleop. 1264, No. 2228.

**finitimus**, Broun. Man. N.Z. Coleop. 1264, No. 2229.

**anxius**, Broun. Man. N.Z. Coleop. 1265, No. 2230.

**lætabilis**, Broun. Man. N.Z. Coleop. 1265, No. 2231.

**deterius**, Broun. Man. N.Z. Coleop. 1266, No. 2232.

**impar**, Broun. Man. N.Z. Coleop. 1266, No. 2233.

**picipictus**, Broun. Man. N.Z. Coleop. 742, No. 1317.

**nigrescens**, Broun. Man. N.Z. Coleop. 743, No. 1318.

**torulosus**, Broun. Man. N.Z. Coleop. 743, No. 1319.

**crassus**, Sharp. Man. N.Z. Coleop. 560, No. 983.

**nanus**, Sharp. Man. N.Z. Coleop. 561, No. 984.

**atomus**, Sharp. Man. N.Z. Coleop. 561, No. 985.

**purpureus**, Broun. Man. N.Z. Coleop. 559, No. 982.

**minor**, Broun. Man. N.Z. Coleop. 1260, No. 2221.

**fungicola**, Broun. Man. N.Z. Coleop. 1261, No. 2222.

**thoracicus**, Broun. Man. N.Z. Coleop. 1261, No. 2223.

**Exilis**, Pascoe, 1873 (= *Lawsonia*, Sharp).

**lawsoni**, Sharp. Man. N.Z. Coleop. 556, No. 978.

**variabilis**, Sharp. Man. N.Z. Coleop. 557, No. 979.

**Arecopais**, Broun, 1893.

**spectabilis**, Broun. Man. N.Z. Coleop. 558, No. 980.

**Proscoporphinus**, Montrouzier, 1860.

**meinertzhageni**, Broun. Man. N.Z. Coleop. 563, No. 989.

**signatus**, Broun. Man. N.Z. Coleop. 1268, No. 2234.

**viridescens**, Broun. Man. N.Z. Coleop. 1269, No. 2235.

**albifrons**, Sharp. Man. N.Z. Coleop. 1269, No. 2236.

**Etnalis**, Sharp, 1873.

**spinicollis**, Sharp. Man. N.Z. Coleop. 554, No. 975.

**Eugonissus**, Broun, 1893.

**pictipes**, Broun. Man. N.Z. Coleop. 1257, No. 2215.

**conulus**, Broun. Man. N.Z. Coleop. 555, No. 976.

**proximus**, Broun. Man. N.Z. Coleop. 555, No. 977.

**Dysnociryptus**, Broun, 1893.

**plagiatus**, Broun. Man. N.Z. Coleop. 1258, No. 2216.

**Dysnocryptus testaceus**, Broun. Man. N.Z. Coleop. 1259,  
No. 2217.

**pallidus**, Broun. Man. N.Z. Coleop. 1259, No. 2218.  
**maculifer**, Broun. Man. N.Z. Coleop. 1260, No. 2219.  
**nigricans**, Broun. Man. N.Z. Coleop. 1260, No. 2220.  
**inflatus**, Sharp. Man. N.Z. Coleop. 562, No. 986.  
**dignus**, Broun. Man. N.Z. Coleop. 563, No. 987.  
**rugosus**, Sharp. Man. N.Z. Coleop. 563, No. 988.

**Aræocerus**, Pascoe, 1876.

**pardalis**, Pascoe. Man. N.Z. Coleop. 559, No. 981.

**Xenanthribus**, Broun, 1893.

**hirsutus**, Broun. Man. N.Z. Coleop. 1270, No. 2237.

Order HEMIPTERA.

Sub-order HETEROPTERA.

Family PENTATOMIDÆ.

Sub-family ASOPINÆ.

**Œchalia**, Stål, 1862.

**schellemburgii**, Guérin. Hutton, T.N.Z.I. xxx. 169.

**Cermatulus**, Dall, 1851.

**nasalis**, Westwood. Hutton, T.N.Z.I. xxx. 170.

Sub-family SCIOCORINÆ.

**Dictyotus**, Dall, 1851.

**vilis**, Walker. Hutton, T.N.Z.I. xxx. 170.

Sub-family PENTATOMINÆ.

**Nezara**, Amyot and Serville, 1843.

**amoyti**, White. Hutton, T.N.Z.I. xxx. 170.

Sub-family HALYDINÆ.

**Platycoris**, Guérin, 1830.

**immarginatus**, Dallas. Hutton, T.N.Z.I. xxx. 171.

Sub-family ACANTHOSOMATINÆ.

**Rhopalimorpha**,

**obscura**, White. Hutton, T.N.Z.I. xxx. 171.

**Anubis**, Stål, 1864.

**vittatus**, Fabricius. Hutton, T.N.Z.I. xxx. 171.

Sub-family CYDNINÆ.

**Geotomus**, Mulsant, 1866.

**leptospermi**, White. Hutton, T.N.Z.I. xxx. 172.

**Pangœus**, Stål, 1862.

**scotti**, Signoret. Hutton, T.N.Z.I. xxx. 172.

**Chœrocydinus**, White, 1841.

**nigrosignatus**, Buchanan-White. Hutton, T.N.Z.I. xxx. 172.

Family LYGÆIDÆ.

Sub-family BERYTINÆ.

**Neides**, Latreille, 1802.

**wakefieldi**, Buchanan-White. Hutton, T.N.Z.I. xxx. 172.

Sub-family LYGÆINÆ.

**Arocatus**, Spinola, 1337.

**ruficollis**, Walker. Hutton, T.N.Z.I. xxx. 173.

**Nysius**, Dall, 1832.

**zealandicus**, Dallas. Hutton, T.N.Z.I. xxx. 173.

**anceps**, Buchanan-White. Hutton, T.N.Z.I. xxx. 173.

**huttoni**, Buchanan-White. Hutton, T.N.Z.I. xxx. 173.

**Paresuris**, Reuter, 1890.

**helmsi**, Reuter. Hutton, T.N.Z.I. xxx. 173.

Sub-family PACHYMERINÆ.

**Ploxiomerus**, Luy, 1831.

**inornatus**, Walker. Hutton, T.N.Z.I. xxx. 174.

**Metagerra**, Buchanan-White, 1878.

**obscura**, Buchanan-White. Hutton, T.N.Z.I. xxx. 174.

**Targarema**, Buchanan-White, 1878.

**electa**, Buchanan-White. Hutton, T.N.Z.I. xxx. 174.

**stali**, Buchanan-White. Hutton, T.N.Z.I. xxx. 174.

**Margareta**, Buchanan-White, 1878.

**dominica**, Buchanan-White. Hutton, T.N.Z.I. xxx. 174.

**Scolopostethus**, Fieber, 1861.

**putoni**, Buchanan-White. Hutton, T.N.Z.I. xxx. 175.

Family PHYMATIDÆ.

**Phymata**, Latreille, 1802.

**feredayi**, Scott. Hutton, T.N.Z.I. xxx. 175.

**conspicua**, Scott. Hutton, T.N.Z.I. xxx. 175.

Family ARADINIDÆ.

**Aradus**, Fabricius, 1803.

**australis**, Erichson. Hutton, T.N.Z.I. xxx. 175.

**Ctenoneurus**, Bergroth, 1888.

**hochstetteri**, Mayr. Hutton, T.N.Z.I. xxx. 175; Distant,  
A.M.N.H. 7, xi. 361.

**Aneurus**, Curtis, 1825.

**brouni**, Buchanan-White. Hutton, T.N.Z.I. xxx. 175.

## Family HYDROMETRIDÆ.

**Hydroessa**, Burmeister, 1835.*macgregori*, Kirkaldy. Rev. Ent. France, xviii. 91 (1899).

## Family CAPSIDÆ.

**Megalocerœa**, Fieber, 1858.*reuteriana*, Buchanan-White. Hutton, T.N.Z.I. xxx. 176.**Morna**, Buchanan-White, 1878.*capsooides*, Buchanan-White. Hutton, T.N.Z.I. xxx. 176.*scotti*, Buchanan-White. Hutton, T.N.Z.I. xxx. 177.**Reuda**, Buchanan-White, 1878.*mayri*, Buchanan-White. Hutton, T.N.Z.I. xxx. 177.**Capsus**, Fabricius, 1803.*laticinctus*, Walker. Hutton, T.N.Z.I. xxx. 177.*ustulatus*, Walker. Hutton, T.N.Z.I. xxx. 177.**Leptomerocoris**, Kirschb, 1855.*maoricus*, Walker. Hutton, T.N.Z.I. xxx. 177.

## Family ANTHOCORIDÆ.

**Cardiastethus**, Buchanan-White, 1875 (?).*brounianus*, Buchanan-White. Hutton, T.N.Z.I. xxx. 178.*consors*, Buchanan-White. Hutton, T.N.Z.I. xxx. 178.*poweri*, Buchanan-White. Hutton, T.N.Z.I. xxx. 178.

## Family REDUVIIDÆ.

**Pirates**, Burmeister, 1835.*ephippigera*, White. Hutton, T.N.Z.I. xxx. 178.

## Family EMESIDÆ.

**Emesodema**, Spinola, 1837.*huttoni*, Scott. Hutton, T.N.Z.I. xxx. 179.

## Family NABIDÆ.

**Nabis**, Latreille, 1802.*saunderi*, Buchanan-White. Hutton, T.N.Z.I. xxx. 178.*maoricus*, Walker. Hutton, T.N.Z.I. xxx. 178.

## Family SALDIDÆ.

**Salda**, Fabricius, 1803.*australis*, Buchanan-White. Hutton, T.N.Z.I. xxx. 179.*bulteri*, Buchanan-White. Hutton, T.N.Z.I. xxx. 179.*lælaps*, Buchanan-White. Hutton, T.N.Z.I. xxx. 179.

## Family NOTONECTIDÆ.

**Anisops**, Spinola, 1837.*wakefieldi*, Buchanan-White. Hutton, T.N.Z.I. xxx. 179.*assimilis*, Buchanan-White. Hutton, T.N.Z.I. xxx. 180.

## ARTHROPODA.

## Family CORIXIDÆ.

**Corixa**, Geoffroy, 1762.*arguta*, Buchanan-White. Hutton, T.N.Z.I. xxx. 180.

## Family SIGARIIDÆ.

**Diaprepocoris**, Kirkaldy, 1897.*barycephala*, Kirkaldy, A.M.N.H. 6, xx. 53.

## Sub-order HOMOPTERA.

## Series TRIMERA.

## ○ Family CICADIDÆ.

○ **Melampsalta**, Amyot, 1847.○ *scutellaris*, Walker. Hutton, T.N.Z.I. xxx. 181.○ *cingulata*, Fabricius. Hutton, T.N.Z.I. xxx. 182.○ *obscura*, Hudson. Hutton, T.N.Z.I. xxx. 182.○ *muta*, Fabricius. Hutton, T.N.Z.I. xxx. 182.○ *cutora*, Walker. Hutton, T.N.Z.I. xxx. 182.○ *cruentata*, Fabricius. Hutton, T.N.Z.I. xxx. 182.○ *sericea*, Walker. Hutton, T.N.Z.I. xxx. 183.○ *flavescens*, Hudson. Hutton, T.N.Z.I. xxx. 183.○ *angusta*, Walker. Hutton, T.N.Z.I. xxx. 183.○ *cincta*, Walker. Hutton, T.N.Z.I. xxx. 183.○ *iolanthe*, Hudson. Hutton, T.N.Z.I. xxx. 183.○ *nervosa*, Walker. Hutton, T.N.Z.I. xxx. 183.○ *mangu*, Buchanan-White. Hutton, T.N.Z.I. xxx. 184.○ *cassiope*, Hudson. Hutton, T.N.Z.I. xxx. 184.

## ○ Family CERCOPIDÆ.

## ○ Sub-family APHROPHORINÆ.

○ **Aphrophora**, Germar, 1821.○ *jactator*, Buchanan-White. Hutton, T.N.Z.I. xxx. 184.○ **Phlænus**, Stål, 1864.○ *fingens*, Walker. Hutton, T.N.Z.I. xxx. 184.○ *subvirescens*, White. Hutton, T.N.Z.I. xxx. 184.○ *trimaculatus*, White. Hutton, T.N.Z.I. xxx. 184.

## ○ Family JASSIDÆ.

○ **Dorydium**, Burmeister, 1835.○ *westwoodi*, Buchanan-White. Hutton, T.N.Z.I. xxx. 185.○ **Athysanus**, Burmeister, 1835.○ *negatus*, Buchanan-White. Hutton, T.N.Z.I. xxx. 185.

## ○ Family FULGORIDÆ.

## ○ Sub-family CIXIINÆ.

**Cixius**, Latreille, 1804.○ *interior*, Walker. Hutton, T.N.Z.I. xxx. 185.○ *punctimargo*, Walker. Hutton, T.N.Z.I. xxx. 186.

- **Cixius rufifrons**, Walker. Hutton, T.N.Z.I. xxx. 186.  
○ *aspilus*, Walker. Hutton, T.N.Z.I. xxx. 186.
- **Oliarus**, Stål, 1862.  
○ *oppositus*, Walker. Hutton, T.N.Z.I. xxx. 186.  
○ *marginalis*, Walker. Hutton, T.N.Z.I. xxx. 186.
- **Aka**, Buchanan-White, 1879.  
○ *finitima*, Walker. Hutton, T.N.Z.I. xxx. 186.
- **Semo**, Buchanan-White, 1879.  
○ *clypeatus*, Buchanan-White. Hutton, T.N.Z.I. xxx. 187.

↳ Sub-family ACHILINÆ.

✓ ○ **Agandecca**, Buchanan-White, 1879.  
✓ ♂ **annectens**, Buchanan-White. Hutton, T.N.Z.I. xxx. 187.

♂ Sub-family DELPHACINÆ.

- **Cona**, Buchanan-White, 1879.  
○ *cælata*, Buchanan-White. Hutton, T.N.Z.I. xxx. 187.

Series DIMERA.

Family PSYLLIDÆ.

Sub-family APHALARINÆ.

**Rhinocola**, Förster, 1848.

- *eucalypti*, Maskell. T.N.Z.I. xxii. 160.  
○ *fuchsiae*, Maskell. T.N.Z.I. xxii. 162.

Sub-family TRIOZINÆ.

**Trioza**, Förster, 1848.

- *pellucida*, Maskell. T.N.Z.I. xxii. 164.  
○ *panacis*, Maskell. T.N.Z.I. xxii. 167.

Family ALEURODIDÆ.

**Aleurodes**, Amyot and Serville, 1843.

- *papillifer*, Maskell. T.N.Z.I. xxii. 173.  
○ *asplenii*, Maskell. T.N.Z.I. xxii. 173.  
○ *melicyti*, Maskell. T.N.Z.I. xxii. 174.  
○ *fagi*, Maskell. T.N.Z.I. xxii. 175.  
○ *simplex*, Maskell. T.N.Z.I. xxii. 175.  
○ *cerata*, Maskell. T.N.Z.I. xxviii. 425.  
○ *fodiens*, Maskell. T.N.Z.I. xxviii. 433.

Series MONOMERA.

Family COCCIDÆ.

Sub-family DIASPIDINÆ.

**Aspidiotus**, Bouché, 1834.

- *atherospermæ*, Maskell. T.N.Z.I. xxvii. 1.  
○ *carpodeti*, Maskell. T.N.Z.I. xxvii. 2.

**Aspidiotus corokiæ**, Maskell. T.N.Z.I. xxvii. 3.  
*dysoxyli*, Maskell. T.N.Z.I. xxvii. 3.  
*sophoræ*, Maskell. T.N.Z.I. xxvii. 4.

**Diaspis**, Costa, 1836.  
*santali*, Maskell. T.N.Z.I. xxvii. 5.

**Mytilaspis**, Targioni-Tozzetti, 1868.  
*cordylinidis*, Maskell. T.N.Z.I. xxvii. 6.  
*drimydis*, Maskell. T.N.Z.I. xxvii. 6.  
*epiphytidis*, Maskell. T.N.Z.I. xxvii. 6.  
*intermedia*, Maskell. T.N.Z.I. xxvii. 7.  
*lactea*, Maskell. T.N.Z.I. xxvii. 7.  
*leptospermi*, Maskell. T.N.Z.I. xxvii. 7.  
*metrosideri*, Maskell. T.N.Z.I. xxvii. 7.  
*phymatodidis*, Maskell. T.N.Z.I. xxvii. 7.  
*pyriformis*, Maskell. T.N.Z.I. xxvii. 7.

**Poliaspis**, Maskell, 1879.  
*media*, Maskell. T.N.Z.I. xxvii. 9.

**Chionaspis**, Signoret, 1869.  
*dubia*, Maskell. T.N.Z.I. xxvii. 9.  
*dysoxyli*, Maskell. T.N.Z.I. xxvii. 9.  
*minor*, Maskell. T.N.Z.I. xxvii. 10.

**Fiorinia**, Signoret, 1869.  
*asteliæ*, Maskell. T.N.Z.I. xxvii. 10.  
*grossulariæ*, Maskell. T.N.Z.I. xxvii. 11.  
*minima*, Maskell. T.N.Z.I. xxvii. 11.  
*stricta*, Maskell. T.N.Z.I. xxvii. 11.

#### Sub-family LECANINÆ.

**Lecanochiton**, Maskell, 1881.  
*metrosideri*, Maskell. T.N.Z.I. xxvii. 11.  
*minor*, Maskell. T.N.Z.I. xxvii. 11.

**Ctenochiton**, Maskell, 1878.  
*dacrydii*, Maskell. T.N.Z.I. xxvii. 12.  
*depressus*, Maskell. T.N.Z.I. xxvii. 12.  
*elæocarpi*, Maskell. T.N.Z.I. xxvii. 12.  
*elongatus*, Maskell. T.N.Z.I. xxvii. 12.  
*flavus*, Maskell. T.N.Z.I. xxvii. 13.  
*fucus*, Maskell. T.N.Z.I. xxvii. 13.  
*hymenantheræ*, Maskell. T.N.Z.I. xxvii. 13.  
*perforatus*, Maskell. T.N.Z.I. xxvii. 13.  
*piperis*, Maskell. T.N.Z.I. xxvii. 13.  
*viridis*, Maskell. T.N.Z.I. xxvii. 13.

**Inglisia**, Maskell, 1878.  
*fagi*, Maskell. T.N.Z.I. xxvii. 13.

**Inglesia inconspicua**, Maskell. T.N.Z.I. xxvii. 14.  
*leptospermi*, Maskell. T.N.Z.I. xxvii. 14.  
*ornata*, Maskell. T.N.Z.I. xxvii. 14.  
*patella*, Maskell. T.N.Z.I. xxvii. 14.

**Lecanium**, Burmeister, 1835.  
*cassiniæ*, Maskell. T.N.Z.I. xxvii. 15.

**Eriochiton**, Maskell, 1878.  
*hispidus*, Maskell. T.N.Z.I. xxvii. 18.  
*spinosus*, Maskell. T.N.Z.I. xxvii. 18.

Sub-family COCCINÆ.

**Solenophora**, Maskell, 1889.  
*corokiæ*, Maskell. T.N.Z.I. xxvii. 19.  
*fagi*, Maskell. T.N.Z.I. xxvii. 19.

**Planchonia**, Signoret, 1870.  
*epacridis*, Maskell. T.N.Z.I. xxvii. 19.

**Rhizococcus**, Signoret, 1875.  
*celmisiæ*, Maskell. T.N.Z.I. xxvii. 20.  
*fessor*, Maskell. T.N.Z.I. xxvii. 20.  
*intermedius*, Maskell. T.N.Z.I. xxvii. 20.  
*maculatus*, Maskell. T.N.Z.I. xxvii. 20.  
*pulchellus*, Maskell. T.N.Z.I. xxvii. 21.  
*totaræ*, Maskell. T.N.Z.I. xxvii. 21.

**Gossyparia**, Signoret, 1875.  
*cavellii*, Maskell. T.N.Z.I. xxvii. 21.

**Eriococcus**, Targioni-Tozzetti.  
*danthoniæ*, Maskell. T.N.Z.I. xxvii. 22.  
*fagicorticis*, Maskell. T.N.Z.I. xxvii. 22.  
*hoheriæ*, Maskell. T.N.Z.I. xxvii. 22.  
*multispinus*, Maskell. T.N.Z.I. xxvii. 22.  
*pallidus*, Maskell. T.N.Z.I. xxvii. 22.  
*phyllocladi*, Maskell. T.N.Z.I. xxvii. 23.  
*raithbyi*, Maskell. T.N.Z.I. xxvii. 23.

**Ripersia**, Signoret, 1874.  
*fagi*, Maskell. T.N.Z.I. xxvii. 23.  
*formicicola*, Maskell. T.N.Z.I. xxvii. 23; Smith, T.N.Z.I.  
 xxviii. 474.  
*ruminicus*, Maskell. T.N.Z.I. xxvii. 24.

**Dactylopius**, Costa, 1836.  
*alpinus*, Maskell. T.N.Z.I. xxvii. 24.  
*arecæ*, Maskell. T.N.Z.I. xxvii. 24; Smith, T.N.Z.I.  
 xxviii. 470.  
*aurilanatus*, Maskell. T.N.Z.I. xxvii. 24.  
*calceolariæ*, Maskell. T.N.Z.I. xxvii. 24.

**Dactylopius glaucus**, Maskell. T.N.Z.I. xxvii. 25.  
*iceryoides*, Maskell. T.N.Z.I. xxvii. 25.  
*obtectus*, Maskell. T.N.Z.I. xxvii. 26.  
*poæ*, Maskell. T.N.Z.I. xxvii. 26.

**Pseudococcus**, Westwood, 1848.  
*asteliæ*, Maskell. T.N.Z.I. xxvii. 26.

Sub-family MONOPHLEBINÆ.

**Leachia**, Signoret, 1875.  
*zealandica*, Maskell. T.N.Z.I. xxvii. 29.

**Cœlostoma**, Maskell, 1879.  
*assimile*, Maskell. T.N.Z.I. xxvii. 29.  
*compressum*, Maskell. T.N.Z.I. xxvii. 29.  
*pilosum*, Maskell. T.N.Z.I. xxvii. 29.  
*wairoense*, Maskell. T.N.Z.I. xxvii. 30.  
*zealandicum*, Maskell. T.N.Z.I. xxvii. 30.

**Icerya**, Signoret, 1874.  
*purchasi*, Maskell. T.N.Z.I. xxvii. 30.

Sub-order ANOPLURA.

Family PEDICULIDÆ.

**Echinophthirius**, Gieb, 1871.  
*microchir*, Trouessart. La Nature, 2, ii. 80.

Order NEUROPTERA.

Series TRICHOPTERA.

Family SERICOSTOMATIDÆ.

**Œconesus**, McLachlan, 1862.  
*maori*, McLachlan. Hutton, T.N.Z.I. xxxi. 235.

**Pseudœconesus**, McLachlan, 1894.  
*mimus*, McLachlan. Hutton, T.N.Z.I. xxxi. 236.  
*stramineus*, McLachlan. Hutton, T.N.Z.I. xxxi. 236.

**Olinga**, McLachlan, 1894.  
*feredayi*, McLachlan. Hutton, T.N.Z.I. xxxi. 238.

**Pycnocentria**, McLachlan, 1866.  
*funerea*, McLachlan. Hutton, T.N.Z.I. xxxi. 238.  
*evecta*, McLachlan. Hutton, T.N.Z.I. xxxi. 239.  
*aureola*, McLachlan. Hutton, T.N.Z.I. xxxi. 239.

Family LEPTOCERIDÆ.

**Pseudonema**, McLachlan, 1862.  
*obsoleta*, McLachlan. Hutton, T.N.Z.I. xxxi. 240.  
*amabilis*, McLachlan. Hutton, T.N.Z.I. xxxi. 241.

**Notanatolica**, McLachlan, 1866.

*cognata*, McLachlan. Hutton, T.N.Z.I. xxxi. 241.  
  *cephalota*, Walker. Hutton, T.N.Z.I. xxxi. 242.

**Leptocerus**, Leach, 1815.

*alienus*, McLachlan (gen. dub.). Hutton, T.N.Z.I. xxxi. 242.

**Setodes**, Rambur, 1842.

*unicolor*, McLachlan. Hutton, T.N.Z.I. xxxi. 243.

**Philaniscus**, Walker, 1852.

*plebejus*, Walker. Hutton, T.N.Z.I. xxxi. 243.

Family HYDROPSYCHIDÆ.

**Hydropsyche**, Pictet, 1834.

*fimbriata*, McLachlan. Hutton, T.N.Z.I. xxxi. 244.  
  *colonica*, McLachlan. Hutton, T.N.Z.I. xxxi. 245.

**Polycentropus**, Curtis, 1835.

*puerilis*, McLachlan. Hutton, T.N.Z.I. xxxi. 245.

**Hydrobiosis**, McLachlan, 1870.

*frater*, McLachlan. Hutton, T.N.Z.I. xxxi. 246.  
  *umbripennis*, McLachlan. Hutton, T.N.Z.I. xxxi. 246.

**Psilochorema**, McLachlan, 1866.

*mimicum*, McLachlan. Hutton, T.N.Z.I. xxxi. 247.  
  *confusum*, McLachlan. Hutton, T.N.Z.I. xxxi. 248.

Family HYDROPTILIDÆ.

**Oxyethra**, Eaton, 1873.

*albiceps*, McLachlan. Hutton, T.N.Z.I. xxxi. 249.

Series PLANIPENNIA.

Family SIALIDÆ.

**Chauliodes**, Latreille, 1805.

*versus*, Walker. Hutton, T.N.Z.I. xxxi. 228.

Family MYRMELEONTIDÆ.

**Myrmeleon**, Linneus, 1748.

*acutus*, Walker. Hutton, T.N.Z.I. xxxi. 229.

Family HEMEROBIIDÆ.

**Stenosmylus**, McLachlan, 1867.

*incisus*, McLachlan. Hutton, T.N.Z.I. xxxi. 230.  
  *citrinus*, McLachlan. Hutton, T.N.Z.I. xxxi. 230.  
  *latiusculus*, McLachlan. Hutton, T.N.Z.I. xxxi. 231.  
  *stellæ*, McLachlan. Ent. Mon. 1899, 259.

**Drepanopteryx**, Leach, 1835.

*instabilis*, McLachlan. Hutton, T.N.Z.I. xxxi. 232.

*humilis*, McLachlan. Hutton, T.N.Z.I. xxxi. 232.

**Micromus**, Rambur, 1866.

*tasmaniæ*, Walker. Hutton, T.N.Z.I. xxxi. 233.

Series ODONATA.

Family LIBELLULIDÆ.

**Sympetrum**, Newman, 1855.

*bipunctatum*, var. *novæ-zealandiæ*, McLachlan.  
Hutton, T.N.Z.I. xxxi. 221.

Family CORDULIIDÆ.

**Somatochlora**, Selys, 1878.

*smithii*, White. Hutton, T.N.Z.I. xxxi. 222.

*grayi*, Selys. Hutton, T.N.Z.I. xxxi. 222.

*braueri*, Selys. Hutton, T.N.Z.I. xxxi. 223.

Family ÆSCHNIDÆ.

**Æschna**, Fabricius, 1776.

*brevistyla*, Rambur. Hutton, T.N.Z.I. xxxi. 224.

Family GOMPHINIDÆ.

**Uropetala**, Selys, 1857.

*carovei*, White. Hutton, T.N.Z.I. xxxi. 224.

Family AGRIONIDÆ.

**Lestes**, Leach, 1817.

*colensonis*, White. Hutton, T.N.Z.I. xxxi. 225.

**Xanthagrion**, Selys, 1876.

*zealandicum*, McLachlan. Hutton, T.N.Z.I. xxxi. 226.

*antipodum*, Selys. Hutton, T.N.Z.I. xxxi. 227.

*sobrinum*, McLachlan. Hutton, T.N.Z.I. xxxi. 227.

Series PSEUDO-NEUROPTERA.

Family TERMITIDÆ.

**Calotermes**, Hagen, 1853.

*brouni*, Froggatt. Hutton, T.N.Z.I. xxxi. 209.

*insularis*, Walker. Hutton, T.N.Z.I. xxxi. 210.

**Stolotermes**, Hagen, 1858.

*ruficeps*, Brauer. Hutton, T.N.Z.I. xxxi. 210.

Family PROCIDÆ.

**Myopsocus**, Hagen, 1866.

*novæ-zealandiæ*, Kolbe. Hutton, T.N.Z.I. xxxi. 211.

Family PERLIDÆ.

**Stenoperla**, McLachlan, 1866.

*prasina*, Newman. Hutton, T.N.Z.I. xxxi. 212.

*cyrene*, Newman (gen. dub.). Hutton, T.N.Z.I. xxxi. 212.

**Leptoperla**, Newman, 1839.  
**opposita**, Walker. Hutton, T.N.Z.I. xxxi. 213.

Family EPHemeridæ.

**Ichthybotus**, Eaton, 1899.  
**hudsoni**, McLachlan. Hutton, T.N.Z.I. xxxi. 214; Eaton,  
Trans. Ent. Soc. 1899, 285.

**Atalophlebia**, Eaton, 1881.

**dentata**, Eaton. Hutton, T.N.Z.I. xxxi. 215.  
**nodularis**, Eaton. Hutton, T.N.Z.I. xxxi. 216; Lillie,  
T.N.Z.I. xxxi. 168.  
**scita**, Walker. Hutton, T.N.Z.I. xxxi. 216; Lillie, T.N.Z.I.  
xxxii. 167.  
**versicolor**, Eaton. T.E.S. 1899, 286.

**Deleatidium**, Eaton, 1899.

**lillii**, Eaton. T.E.S. 1899, 289.

**Coloburiscus**, Eaton, 1887.

**humeralis**, Walker. Hutton, T.N.Z.I. xxxi. 217.

**Ameletus**, Eaton, 1887.

**ornatus**, Eaton. Hutton, T.N.Z.I. xxxi. 217.

**perscitus**, Eaton. T.E.S. 1899, 291.

**Oniscigaster**, McLachlan, 1873.

**wakefieldi**, McLachlan. Hutton, T.N.Z.I. xxxi. 218.

**intermedius**, Eaton. T.E.S. 1899, 292.

**distans**, Eaton. T.E.S. 1899, 293.

Order ORTHOPTERA.

Series SALTATORIA.

Family GRYLLIDÆ.

**Lissotrachelus**, Brunner, 1893.

**maoricus**, Walker. Hutton, T.N.Z.I. xxxii. 19.

Family LOCUSTIDÆ.

**Xiphidium**, Serville, 1839.

**semivittatum**, Walker. Hutton, T.N.Z.I. xxx. 137.

**Agræcia**, Serville, 1839.

**solida**, Walker. Hutton, T.N.Z.I. xxx. 138.

Family STENOPELMATIDÆ.

Sub-family ANOSTOSTOMINÆ.

**Deinacrida**, White, 1842.

**heteracantha**, White. Hutton, T.N.Z.I. xxix. 212.

**rugosa**, Buller. Hutton, T.N.Z.I. xxix. 213.

**Hemideina**, Walker, 1869.

**parva**, Buller. Hutton, T.N.Z.I. xxxii. 20.

**Hemideina armiger**, Colenso. Hutton, T.N.Z.I. xxix. 217.  
**thoracica**, Walker. Hutton, T.N.Z.I. xxix. 217; *H. pro-*  
*ducta*, Walker.

**megacephala**, Buller. Hutton, T.N.Z.I. xxix. 215.  
**figurata**, Walker. Hutton, T.N.Z.I. xxix. 216.  
**femorata**, Hutton. T.N.Z.I. xxix. 218.  
**broughi**, Buller. Hutton, T.N.Z.I. xxxii. 21.  
**maori**, Pictet et Saussure. Hutton, T.N.Z.I. xxix. 219.

**Onosandrus**, Stål, 1876.  
**pallitarsis**, Walker. Hutton, T.N.Z.I. xxix. 221.  
**focalis**, Hutton. T.N.Z.I. xxix. 222.  
**maori**, Pictet et Saussure. Hutton, T.N.Z.I. xxix. 223.  
**maculifrons**, Walker. Hutton, T.N.Z.I. xxix. 223.  
**lanceolatus**, Walker. Kirby MSS.

Sub-family DOLICHOPODINÆ.

**Talitropsis**, Bolivar, 1882.  
**sedilotti**, Bolivar. Hutton, T.N.Z.I. xxix. 225.  
**irregularis**, Hutton. T.N.Z.I. xxix. 227.

**Grammaroparnops**, Alfken, 1901.  
**crassicruris**, Hutton. T.N.Z.I. xxix. 226.

**Ischyroplectron**, Hutton, 1897.  
**isolatum**, Hutton. T.N.Z.I. xxix. 228.

**Gymnoplectron**, Hutton, 1897.  
**longipes**, Colenso. Hutton, T.N.Z.I. xxix. 229.  
**stephensiensis**, Alfken. Erge. Reise Pacific, 150.

**Pachyrhamma**, Brunner, 1888.  
**fascifer**, Walker. *H. speluncæ*, Colenso. Hutton, T.N.Z.I.  
 xxix. 231.  
**altus**, Walker. *P. novæ-zealandiæ*, Brunner. Hutton, l.c. 232.

**Pleioplectron**, Hutton, 1897.  
**simplex**, Hutton. T.N.Z.I. xxix. 233.  
**pectinatum**, Hutton. T.N.Z.I. xxix. 234.  
**hudsoni**, Hutton. T.N.Z.I. xxix. 234.  
**edwardsi**, Scudder. Hutton, T.N.Z.I. xxix. 240.  
**cavernæ**, Hutton. T.N.Z.I. xxxii. 21.

**Miotopus**, Hutton, 1899.  
**diversus**, Hutton. T.N.Z.I. xxxi. 41.

**Neonetus**, Brunner, 1888.  
**variegatus**, Brunner. Hutton, T.N.Z.I. xxix. 236.  
**pilosus**, Hutton. T.N.Z.I. xxix. 236.

**Isoplectron**, Hutton, 1897.  
**armatum**, Hutton. T.N.Z.I. xxix. 237.  
**calcaratum**, Hutton. T.N.Z.I. xxix. 238.

**Pharmacus**, Pictet et Saussure, 1891.

*montanus*, Pictet et Saussure. Hutton, T.N.Z.I. xxix. 239.

**Macropathus**, Walker, 1870.

*filifer*, Hutton. T.N.Z.I. xxix. 239.

Family ACRIDIDÆ.

Sub-family EDIPODINÆ.

**Pachytylus**, Fieber, 1853.

*cinerascens*, Fabricius. Hutton, T.N.Z.I. xxx. 149.

*migratoroides*, Reich. Hutton, T.N.Z.I. xxx. 150.

Sub-family ACRIDINÆ.

**Phaulacridium**, Brunner, 1891.

*marginale*, Walker. Hutton, T.N.Z.I. xxx. 141.

*luteum*, Hutton. T.N.Z.I. xxx. 142.

**Paprides**, Hutton, 1898.

*nitidus*, Hutton. T.N.Z.I. xxx. 146.

*australis*, Hutton. T.N.Z.I. xxx. 147.

*furcifer*, Hutton. T.N.Z.I. xxxi. 46.

*torquatus*, Hutton. T.N.Z.I. xxxi. 47.

*armillatus*, Hutton. T.N.Z.I. xxxi. 47.

**Sigaus**, Hutton, 1898.

*piliferus*, Hutton. T.N.Z.I. xxv. 140.

**Trigoniza**, Brunner, 1891.

*campestris*, Hutton. T.N.Z.I. xxx. 148.

*directa*, Hutton. T.N.Z.I. xxx. 148.

*rugosa*, Hutton. T.N.Z.I. xxx. 148.

**Brachaspis**, Hutton, 1899.

*nivalis*, Hutton (*Pezotettix*). T.N.Z.I. xxx. 144; xxxi. 49.

*collinus*, Hutton. T.N.Z.I. xxx. 144; xxxi. 49.

*petricolus*, Hutton. T.N.Z.I. xxx. 145; xxxi. 49.

*terrestris*, Hutton. T.N.Z.I. xxx. 145.

Series CURSORIA.

Family PHASMIDÆ.

Sub-family CLITUMNINÆ.

**Pachymorpha**, Gray, 1835.

*hystriculea*, Westwood. Hutton, T.N.Z.I. xxxi. 52.

*salebrosa*, Hutton. T.N.Z.I. xxxi. 52.

*annulata*, Hutton. T.N.Z.I. xxxi. 53.

*acornuta*, Hutton. T.N.Z.I. xxxi. 53.

**Clitarchus**, Stål, 1875.

*hookeri*, White. Hutton, T.N.Z.I. xxxi. 54.

*coloreus*, Colenso. Hutton, T.N.Z.I. xxxi. 55.

**Clitarchus reductus**, Hutton. T.N.Z.I. xxxi. 55.  
*læviusculus*, Stål. Hutton, T.N.Z.I. xxxi. 56.

**Acanthoderus**, Gray, 1835.  
*prasinus*, Westwood. Hutton, T.N.Z.I. xxxi. 56.  
*suteri*, Hutton. T.N.Z.I. xxxi. 56.  
*geisovii*, Kaup. Hutton, T.N.Z.I. xxxi. 57.  
*fasciatus*, Hutton. T.N.Z.I. xxxi. 58.

**Argosarchus**, Hutton, 1898.  
*spiniger*, White. Hutton, T.N.Z.I. xxxi. 59 = *B. horridus*,  
 White, which was printed last.

Family BLATTIDÆ.  
 Sub-family BLATTINÆ.

**Blatta**, Linnæus, 1766.  
*conuncta*, Walker. Hutton, Cat. Orth. N.Z. 71.

Sub-family PERIPLANETINÆ.

**Polyzosteria**, Burmeister, 1829.  
*novæ - zealandiæ*, Brunner. Nov. Syst. Blatt. 218 ;  
*B. forticeps*, Walker. Hutton, Cat. Orth. N.Z. 72.

**Platzosteria**, Brunner, 1865.  
*undulivitta*, Walker. Hutton, Cat. Orth. N.Z. 73.  
*brunni*, Alfken. Erge. Reise Pacific, 1901, 142.

Family FORFICULIDÆ.

**Anisolabis**, Fieber, 1853.  
*littorea*, White. Hutton, Cat. Orth. N.Z. 93 ; Kirby, J.L.S. xxiii. 517.

Order APTERA.  
 Series COLLEMBOLA.  
 Family LIPURIDÆ.

**Lipura**, Burmeister, 1838.  
*incerta*, Moniez. Rev. Biol. Nord France, vi. 211 (1894).

**Drepanura**, Schott, 1893.  
*brachycephala*, Moniez. Rev. Biol. Nord France, vi. 208 (1894).

**Anoura**, Gervais, 1842.  
*spinosa*, Lubbock. J.L.S. xxvii. 334 ; Dendy, T.N.Z.I. xxxiii. 97.

CLASS, MYRIAPODA.

Order DIPLOPODA.

Family SPHÆROTHERIIDÆ.

**Cyliosoma**, Pocock, 1895.  
*de Lacyi*, White. A.M.N.H. 3, iii. 406.

**Cyliosoma leiosoma**, Hutton. T.N.Z.I. x. 291.  
**novæ-zealandiæ**, Kirk. T.N.Z.I. xviii. 139.  
**striolatum**, Pocock. A.M.N.H. 6, xvi. 414 (1895).

## Family JULIDÆ.

**Julus**, Linnæus, 1748.  
**berardi**, Walckener. In Gervais' Aptères, iv. 333.  
**Spirostreptus**, Brandt, 1833.  
**antipodarum**, Newport. In Dieff. N.Z. ii. 270.  
**striatus**, Hutton. T.N.Z.I. x. 290.

## Family POLYDESMIDÆ.

**Polydesmus**, Latreille, 1802.  
**haastii**, Humbert and Saussure. Verh. z. b. Ges. Wien. xix. 683; Hutton, T.N.Z.I. x. 292.  
**serratus**, Hutton. T.N.Z.I. x. 290.  
**worthingtoni**, Hutton. T.N.Z.I. x. 290.

**Strongylosoma**, Brandt, 1833.  
**novaræ**, Humbert and Saussure. Verh. z. b. Ges. Wien. xix. 689 (1869); Hutton, T.N.Z.I. x. 292.  
**macrocephala**, Hutton. T.N.Z.I. x. 291.

**Icosidesmus**, Humbert and Saussure, 1869.  
**hochstetteri**, Humbert and Saussure. Verh. z. b. Ges. Wien. xix. 890; Hutton, T.N.Z.I. x. 292.

**Craspedosoma**, Leach, 1818.  
**trisetosa**, Hutton. T.N.Z.I. x. 291.

**Serangodes**, Attems, 1899.  
**strongylosomoides**, Attems. Denk. Ak. Wien. lxvii. 273.

## Order CHILOPODA.

## Family LITHOBIIDÆ.

**Lithobius**, Leach, 1812.  
**argus**, Newport. T.L.S. xix. 369.

**Henicops**, Newport, 1845.  
**maculatus**, Newport. T.L.S. xix. 372; Pocock, A.M.N.H. 6, xi. 125.  
**impressus**, Hutton. T.N.Z.I. x. 228.

**Lamycetes**, Meinert, 1868.  
**emarginatus**, Newport. T.L.S. xix. 372; Pocock, A.M.N.H. 7, viii. 449.

## Family SCOLOPENDRIDÆ.

**Heterostoma**, Newport, 1845.  
**platycephala**, Newport. T.L.S. xix. 415.

**Cosmocephalus**, Newport, 1845.  
*rubriceps*, Newport. T.L.S. xix. 42c.  
*pallipes*, Newport. T.L.S. xix. 424.  
*purpureus*, Pocock. A.M.N.H. 6, xi. 127; *C. violaceus*,  
 Newport, not of Fabricius.  
*huttoni*, Pocock. A.M.N.H. 6, xi. 128; *C. violaceus*,  
 Hutton, not of Newport.

**Cryptops**, Leach, 1812.

*australis*, Newport. T.L.S. xix. 408.  
*setosus*, Pocock. A.M.N.H. 6, viii. 157 (1891).

Family GEOPHILIDÆ.

**Geophilus**, Leach, 1812.  
*huttoni*, Pocock. A.M.N.H. 6, viii. 223.  
*morbosus*, Hutton. T.N.Z.I. x. 289 (*Himantarium*).  
*provocator*, Pocock. A.M.N.H. 6, viii. 225.

**Necrophilœsophagus**, Newport, 1845.

*antipodum*, Pocock. A.M.N.H. 6, viii. 222, and 7, viii. 461.

Order SCHIZOTARSIA.

Family CERMATIIDÆ.

**Cermatia**, Rossi, 1807.

*smithii*, Newport. T.L.S. xix. 359, and A.M.N.H. 1, xiii. 96.

CLASS, ONYCHOPHORA.

Family PERIPATIDÆ.

**Peripatoides**, Pocock, 1895.  
*novæ-zealandiæ*, Hutton. Sedgwick, Q.J.M.S. xxviii. 456;  
 Sheldon, Q.J.M.S. xxviii. 202.  
*suteri*, Dendy. T.N.Z.I. xxvii. 190.

**Oöperipatus**, Dendy, 1900.

*viridimaculatus*, Dendy. Zool. Anzeig, xxiii. 509; Q.J.M.S.  
 45 n.s., 399.

CLASS, ARACHNIDA.

Order ARANEIDA.

Family THERAPHOSIDÆ.

**Migas**, Koch, 1873.  
*paradoxus*, Koch. Arach. Aust. 467.  
*distinctus*, Cambridge. P.Z.S. 1879, 683; Goyen, T.N.Z.I.  
 xix. 210.  
*sandageri*, Goyen. T.N.Z.I. xxiii. 123.

**Arbanitis**, Koch, 1875.  
*gilliesii*, Cambridge. T.N.Z.I. x. 284 (*Nemesia*); Gillies,  
 T.N.Z.I. x. 301.  
*huttoni*, Cambridge. P.Z.S. 1879, 682; Goyen, T.N.Z.I.  
 xxiv. 255.  
*kirki*, Urquhart. T.N.Z.I. xxvi. 204.

**Maoriania**, Hogg, 1901.  
*dendyi*, Hogg. P.Z.S. 1901, 237.

**Hexathele**, Ausserer, 1871.  
*hochstetteri*, Ausserer. Koch's Arach. Aust. 459; Hogg,  
 P.Z.S. 1901, 276.  
*petriei*, Goyen. T.N.Z.I. xix. 207.

**Porrhothele**, Simon, 1892.  
*antipodiana*, Walckenaer. Simon, Zool. Jahrb. Syst. xii.  
 420 (*Macrothele*).  
*huttoni*, Cambridge. T.N.Z.I. vi. 200.  
*insignipes*, Simon. Zool. Jahrb. Syst. xii. 420.  
*simoni*, Hogg. P.Z.S. 1901, 269.

**Cteniza**, Latreille, 1825.  
*antipodium*, White. P.Z.S. 1849, 3 (gen. dub.).  
*hexops*, White. P.Z.S. 1849, 3 (gen. dub.).

#### Family DYSDERIDÆ.

**Segestria**, Latreille, 1804.  
*suteri*, Urquhart. T.N.Z.I. xxiv. 230.

**Oönops**, Templeton, 1830.  
*septem-cincta*, Urquhart. T.N.Z.I. xxiii. 128.

#### Family DRASSIDÆ.

**Herpyllus**, Urquhart, 1887.  
*formicarius*, Urquhart. T.N.Z.I. xix. 109.

**Drassus**, Walckenaer, 1805.  
*pretiosus*, Koch. Arach. Aust. 385.  
*erebus*, Koch. Arach. Aust. 387.  
*scitulus*, Urquhart. T.N.Z.I. xxv. 165.

**Chiracanthium**, Koch, 1839.  
*stratioticum*, Koch. Arach. Aust. 408.

**Clubiona**, Latreille, 1804.  
*cambridgei*, Koch. Arach. Aust. 416.  
*peculiaris*, Koch. Arach. Aust. 427.  
*viridicoma*, Urquhart. T.N.Z.I. xxiv. 233.  
*chevronia*, Urquhart. T.N.Z.I. xxiv. 231.  
*nitida*, Urquhart. T.N.Z.I. xxv. 166.

**Uliodon**, Koch, 1875.

*frenata*, Koch. Arach. Aust. 440.

*maritima*, Cambridge. P.Z.S. 1883, 356 (*Amaurobioides*).

Family AGELENIDÆ.

**Amaurobius**, Koch, 1836.

*longinquus*, Koch. Arach. Aust. 336.

*finschii*, Koch. Arach. Aust. 339.

*martius*, Simon. Zool. Jahrb. Syst. xii. 421 (1899).

*chathamensis*, Simon. Zool. Jahrb. Syst. xii. 432 (1899).

**Badumna**, Thorell, 1890.

*sub-fasciata*, Simon. Zool. Jahrb. Syst. xii. 422.

**Desis**, Walckenaer, 1837.

*marina*, Hector. Cambridge, P.Z.S. 1879, 687; *Daindrigia dysderoides*, White, P.Z.S. 1849, 5.

**Tegenaria**, Walckenaer, 1805.

*foliata*, Koch. Arach. Aust. 356.

*arboricola*, Urquhart. T.N.Z.I. xxiii. 129.

*livoris*, Urquhart. T.N.Z.I. xxv. 167.

**Cambridgea**, Koch, 1872.

*antipodiana*, White. Simon, Zool. Jahrb. Syst. xii. 434;

*C. fasciata*, Koch, Cambridge, T.N.Z.I. vi. 202.

**Amphicneta**, Simon, 1888.

*decemmaculata*, Simon.

Family THERIDIIDÆ.

**Argyrodes**, Simon, 1864.

*lepidus*, Cambridge, P.Z.S. 1879, 688.

*conus*, Urquhart. T.N.Z.I. xvii. 40.

**Ariamnes**, Thorell, 1870.

*coniferus*, Urquhart. T.N.Z.I. xix. 96.

*triangulatus*, Urquhart. T.N.Z.I. xix. 97.

*attenuatus*, Urquhart. T.N.Z.I. xix. 98.

*flavo-notatus*, Urquhart. T.N.Z.I. xxiii. 136.

**Mimetus**, Hentz, 1851.

*mendicus*, Cambridge. P.Z.S. 1879, 697.

*sennio*, Urquhart. T.N.Z.I. xxiii. 137.

*atri-cinctus*, Urquhart. T.N.Z.I. xxiv. 234.

**Theridion**, Walckenaer, 1805.

*verrucatum*, Urquhart. T.N.Z.I. xviii. 188.

*blatteus*, Urquhart. T.N.Z.I. xviii. 190.

*calyciferum*, Urquhart. T.N.Z.I. xviii. 192.

*cruciferum*, Urquhart. T.N.Z.I. xviii. 193.

*trilobis*, Urquhart. T.N.Z.I. xviii. 194.

**Theridion squalidæ**, Urquhart. T.N.Z.I. xviii. 195.  
**setiger**, Urquhart. T.N.Z.I. xviii. 196.  
**zantholabis**, Urquhart. T.N.Z.I. xviii. 197.  
**sericum**, Urquhart. T.N.Z.I. xviii. 198; xxii. 258.  
**melanozanthum**, Urquhart. T.N.Z.I. xix. 102.  
**tuberculatum**, Urquhart. T.N.Z.I. xix. 104.  
**maculopes**, Urquhart. T.N.Z.I. xix. 105.  
**viridanum**, Urquhart. T.N.Z.I. xix. 106.  
**flabelliferum**, Urquhart. T.N.Z.I. xix. 106.  
**venustum**, Urquhart. T.N.Z.I. xix. 107.  
**albo-guttatum**, Urquhart. T.N.Z.I. xix. 108.  
**nigro-folium**, Urquhart. T.N.Z.I. xx. 112.  
**helvolum**, Urquhart. T.N.Z.I. xx. 113.  
**truncatum**, Urquhart. T.N.Z.I. xx. 115.  
**exornatum**, Urquhart. T.N.Z.I. xx. 115.  
**brunnea-folium**, Urquhart. T.N.Z.I. xxi. 142.  
**niger-punctillum**, Urquhart. T.N.Z.I. xxi. 143.  
**porphyreticum**, Urquhart. T.N.Z.I. xxi. 144.  
**gracilipes**, Urquhart. T.N.Z.I. xxi. 145.  
**zebrinia**, Urquhart. T.N.Z.I. xxii. 256.  
**pusillum**, Urquhart. T.N.Z.I. xxii. 257.  
**pumilio**, Urquhart. T.N.Z.I. xviii. 190.  
**punica-punctatum**, Urquhart. T.N.Z.I. xxiii. 147.  
**apiatum**, Urquhart. T.N.Z.I. xxiii. 148.  
**literatum**, Urquhart. T.N.Z.I. xxiii. 150.  
**ampliatum**, Urquhart. T.N.Z.I. xxiv. 237.  
**albocinctum**, Urquhart. T.N.Z.I. xxiv. 236.  
**argentatum**, Urquhart. T.N.Z.I. xxiv. 235.  
**gibbosum**, Urquhart. T.N.Z.I. xxvi. 205.

**Erycina**, Urquhart, 1891.

**violacea**, Urquhart. T.N.Z.I. xxiii. 152.

**Latrodectus**, Walckenaer, 1805.

**hasselti**, Thorell. Koch, Arach. Aust. 276; *L. katipo*,  
 Powell, T.N.Z.I. iii. 56; T.N.Z.I. xxviii. 755; Pickard,  
 Cambridge, P.Z.S. 1902, i. 255.  
*var. atritus*, Urquhart. T.N.Z.I. xxii. 259.

**Lithyphantes**, Thorell, 1869.

**lepidus**, Cambridge. P.Z.S. 1879, 690.

**Atkinsonia**, Cambridge, 1879.

**nana**, Cambridge. P.Z.S. 1879, 691.

**Phycosoma**, Cambridge, 1879.

**œcobiooides**, Cambridge. P.Z.S. 1879, 692.

**Linyphia**, Latreille, 1804.

**subdola**, Cambridge. P.Z.S. 1879, 693.

**Linyphia peramæna**, Cambridge. P.Z.S. 1879, 693.  
*melanopygia*, Cambridge. P.Z.S. 1879, 693.  
*diloris*, Urquhart. T.N.Z.I. xviii. 184.  
*trispatherulata*, Urquhart. T.N.Z.I. xviii. 186.  
*blatifer*, Urquhart. T.N.Z.I. xix. 99.  
*rufocephala*, Urquhart. T.N.Z.I. xx. 109.  
*lagenifera*, Urquhart. T.N.Z.I. xx. 111.  
*purpura-punctata*, Urquhart. T.N.Z.I. xxi. 134.  
*nitidula*, Urquhart. T.N.Z.I. xxi. 136.  
*rufo-lineata*, Urquhart. T.N.Z.I. xxi. 137.  
*nemoralis*, Urquhart. T.N.Z.I. xxi. 140.  
*multicolor*, Urquhart. T.N.Z.I. xxiii. 140.  
*cruenta*, Urquhart. T.N.Z.I. xxxiii. 142.  
*albiapiata*, Urquhart. T.N.Z.I. xxxiii. 143.  
*pellos*, Urquhart. T.N.Z.I. xxxiii. 146.  
*mundenia*, Urquhart. T.N.Z.I. xxvi. 207.  
*decolora*, Urquhart. T.N.Z.I. xxvi. 208.  
*fucatinia*, Urquhart. T.N.Z.I. xxvi. 209.

**Tekella**, Urquhart, 1895.

*absidiata*, Urquhart. T.N.Z.I. xxvi. 211.

**Erigone**, Savigny, 18—(?).

*atriventer*, Urquhart. T.N.Z.I. xix. 102.

**Stegosoma**, Cambridge, 1879.

*quadratum*, Cambridge. P.Z.S. 1879, 698.  
*lacunosum*, Urquhart. T.N.Z.I. xxv. 169.

**Cornicularia**, Menge, 1869.

*crinifrons*, Urquhart. T.N.Z.I. xxiii. 155.

**Steatoda**, Sundevall, 1833.

*nubilosa*, Urquhart. T.N.Z.I. xxx. 168.  
*excessa*, Urquhart. T.N.Z.I. xxx. 171.

#### Family ENYOIDÆ.

**Habronestes**, Koch, 1872.

*marinus*, Goyen. T.N.Z.I. xxii. 269.  
*celeripes*, Urquhart. T.N.Z.I. xxiii. 132.  
*scitula*, Urquhart. T.N.Z.I. xxiii. 135.

**Huttonia**, Cambridge, 1879.

*palpaminoides*, Cambridge. P.Z.S. 1879, 685.

#### Family TETRAGNATHIDÆ.

**Tetragnatha**, Latreille, 1804.

*typica*, Urquhart. T.N.Z.I. xxii. 251.  
*herbigrada*, Urquhart. T.N.Z.I. xxii. 252.  
*arborea*, Urquhart. T.N.Z.I. xxxiii. 172.  
*multi-punctata*, Urquhart. T.N.Z.I. xxxiii. 176.

**Tetragnatha flava**, Urquhart. T.N.Z.I. xxxiii. 177.  
**gulosa**, Koch. Arach. Aust. 176.

**Orsinome**, Thorell, 1890.  
**australis**, Simon. Zool. Jahrb. Syst. xii. 423.

**Deinagnatha**, White, 1846.  
**daindridgi**, White. A.M.N.H. I, xviii. 180.

**Ischalea**, Koch, 1871.  
**spinipes**, Koch. Arach. Aust. 197.

Family EPEIRIDÆ.

**Argiope**, Saxigny, 18—(?).  
**syrmatica**, Koch. Arach. Aust. 213.

**Epeira**, Walckenaer, 1805.  
**extuberata**, Koch. Arach. Aust. 61.  
**crassa**, Walck. Koch, Arach. Aust. 63.  
**undata**, Koch. Arach. Aust. 73.  
**verrucosa**, Walck. Koch, Arach. Aust. 112.  
**feredayi**, Cambridge. Koch, Arach. Aust. 122.  
**brounii**, Urquhart. T.N.Z.I. xvii. 32.  
**attenuata**, Urquhart. T.N.Z.I. xvii. 33.  
**corrugata**, Urquhart. T.N.Z.I. xix. 72.  
**pocillator**, Urquhart. T.N.Z.I. xix. 74.  
**oblitera**, Urquhart. T.N.Z.I. xix. 77.  
**trituberculata**, Urquhart. T.N.Z.I. xix. 78, and xx. 120.  
**orientalis**, Urquhart. T.N.Z.I. xix. 79, and xx. 121.  
**bi-albimacula**, Urquhart. T.N.Z.I. xix. 81.  
**saxitalis**, Urquhart. T.N.Z.I. xix. 82.  
**subcompta**, Urquhart. T.N.Z.I. xix. 83.  
**viridata**, Urquhart. T.N.Z.I. xix. 85.  
**discolora**, Urquhart. T.N.Z.I. xix. 86.  
**veruta**, Urquhart. T.N.Z.I. xix. 87.  
*var. veruina*, Urquhart. T.N.Z.I. xix. 88.  
*var. hastata*, Urquhart. T.N.Z.I. xix. 89.  
*var. lineola*, Urquhart. T.N.Z.I. xix. 89.  
**linea-acuta**, Urquhart. T.N.Z.I. xix. 90.  
**purpurea**, Urquhart. T.N.Z.I. xix. 91.  
**viridicans**, Urquhart. T.N.Z.I. xx. 116.  
**mulleola**, Urquhart. T.N.Z.I. xx. 118.  
**helveo-guttata**, Urquhart. T.N.Z.I. xx. 119.  
**tuberculata**, Urquhart. T.N.Z.I. xx. 120.  
**dumicola**, Urquhart. T.N.Z.I. xxi. 146.  
**flavo-maculata**, Urquhart. T.N.Z.I. xxii. 239.  
**albo-stricta**, Urquhart. T.N.Z.I. xxii. 240.  
**guttata**, Urquhart. T.N.Z.I. xxii. 242.  
**ostri-brunnea**, Urquhart. T.N.Z.I. xxii.

**Epeira albi-scuta**, Urquhart. T.N.Z.I. xxii. 244.  
**dubitabilis**, Urquhart. T.N.Z.I. xxii. 246.  
**tri-notata**, Urquhart. T.N.Z.I. xxii. 247.  
*var. olivinia*, Urquhart. T.N.Z.I. xxii. 249.  
**atri-apiata**, Urquhart. T.N.Z.I. xxiii. 156.  
**acinta**, Urquhart. T.N.Z.I. xxiii. 158.  
**nigro-hastula**, Urquhart. T.N.Z.I. xxiii. 159.  
**atri-hastula**, Urquhart. T.N.Z.I. xxiii. 162.  
**galbana**, Urquhart. T.N.Z.I. xxiii. 163.  
**venustula**, Urquhart. T.N.Z.I. xxiii. 165.  
**melania**, Urquhart. T.N.Z.I. xxiii. 166.  
**similaris**, Urquhart. T.N.Z.I. xxiii. 168.  
**lævigata**, Urquhart. T.N.Z.I. xxiii. 171.  
**invisibilis**, Urquhart. T.N.Z.I. xxiv. 239.  
**sublutia**, Urquhart. T.N.Z.I. xxiv. 241.  
**simulata**, Urquhart. T.N.Z.I. xxiv. 242.  
**ventriosa**, Urquhart. T.N.Z.I. xxiv. 243.  
**leucisca**, Urquhart. T.N.Z.I. xxiv. 245.  
**æstiva**, Urquhart. T.N.Z.I. xxv. 174.  
**decorosa**, Urquhart. T.N.Z.I. xxvi. 212.  
**powelli**, Urquhart. T.N.Z.I. xxvi. 214.  
**pironginia**, Urquhart. T.N.Z.I. xxvi. 215.  
**angusticlava**, Urquhart. T.N.Z.I. xxv. 173.  
**viridana**, Urquhart. T.N.Z.I. xxv. 175.  
**munda**, Urquhart. T.N.Z.I. xxv. 177.  
*var. inversa*, Urquhart. T.N.Z.I. xxv. 178.  
**albolineata**, Urquhart. T.N.Z.I. xxv. 178.  
**blattea**, Urquhart. T.N.Z.I. xxv. 179.

**Nephila**, Leach, 1815.

**argentata**, Urquhart. T.N.Z.I. xix. 92.

**Arachnura**, Vinson, 1863.

**longicauda**, Urquhart. T.N.Z.I. xvii. 39.  
**nigritia**, Urquhart. T.N.Z.I. xvii. 37.  
**obtusa**, Urquhart. T.N.Z.I. xvii. 37.  
**trilobata**, Urquhart. T.N.Z.I. xvii. 37.

Family CELÆNIDÆ.

**Celænia**, Thorell, 1868.



**atkinsoni**, Cambridge. P.Z.S. 1879, 699 (*Thlaosoma*).  
**hectori**, Cambridge. P.Z.S. 1879, 700 (*Thlaosoma*).  
**olivacea**, Urquhart. T.N.Z.I. xvii. 39, and xix. 95.  
**penna**, Urquhart. T.N.Z.I. xix. 94.  
**tuberosa**, Urquhart. T.N.Z.I. xix. 149.

Family EPISINIDÆ.

**Episinus**, Walckenaer, 1809.

**antipodianus**, Cambridge. P.Z.S. 1879, 701.

## Family THOMISIDÆ.

**Stephanopis**, Cambridge, 1869.  
*angulatus*, Urquhart. T.N.Z.I. xvii. 42, and xxii. 260.  
*angularis*, Urquhart. T.N.Z.I. xvii. 43.

**Diæa**, Thorell, 1869.  
*albo-limbata*, Koch. Arach. Aust. 588.

**Xysticus**, Koch, 1835.  
*albo-brunnea*, Urquhart. T.N.Z.I. xxv. 184.

## Family PHILODROMIDÆ.

**Philodromus**, Walckenaer, 1805.  
*ambarus*, Urquhart. T.N.Z.I. xvii. 43, and xix. 112.  
*sphæriodes*, Urquhart. T.N.Z.I. xvii. 44, and xix. 111.  
*ovatus*, Urquhart. T.N.Z.I. xix. 113.  
*rubro-frontus*, Urquhart. T.N.Z.I. xxiii. 179.

**Hemiclæa**, Thorell, 1870.  
*rogenhoferi*, Koch. Arach. Aust. 637.  
*plautus*, Urquhart. T.N.Z.I. xviii. 199, and xix. 110.

## Family LYCOSIDÆ.

**Lycosa**, Latreille, 1804.  
*sænica*, Koch. Arach. Aust. 915.  
*hilaris*, Koch. Arach. Aust. 920 and 979.  
*umbrata*, Koch. Arach. Aust. 921.  
*virgata*, Goyen. T.N.Z.I. xix. 201.  
*canescens*, Goyen. T.N.Z.I. xix. 203.  
*taylori*, Goyen. T.N.Z.I. xix. 206.  
*ærescens*, Goyen. T.N.Z.I. xix. 206.  
*uliginosa*, Goyen. T.N.Z.I. xx. 136.  
*bellicosa*, Goyen. T.N.Z.I. xx. 138.  
*proxima*, Urquhart. T.N.Z.I. xviii. 201.  
*adumbrata*, Urquhart. T.N.Z.I. xix. 114.  
*arenaria*, Urquhart. T.N.Z.I. xxiii. 182.  
*maura*, Urquhart. T.N.Z.I. xxiv. 246.  
*urquharti*, Simon. Hist. Nat. Araignées, 2nd ed. ii. 30.  
*piratica*, Clerck. Simon, Zool. Jahrb. 1899, 427 (introduced?).  
*schauinslandi*, Simon. Zool. Jahrb. 1899, 428.  
*tremula*, Simon. Zool. Jahrb. 1899, 429.

**Dolomedes**, Latreille, 1804.  
*imperiosus*, Koch. Arach. Aust. 867.  
*lateralis*, White. P.Z.S. 1849, 4.  
*sagittiger*, White. P.Z.S. 1849, 4.  
*minor*, Koch. Arach. Aust. 864.  
*schauinslandi*, Simon. Zool. Jahrb. Syst. xii. 436.

**Pardosa**, Koch, 1848.

**vicaria**, Koch. Arach. Aust. 965.

**Anoteropsis**, Koch, 1878.

**flavescens**, Koch. Arach. Aust. 971.

Family CTENIDÆ.

**Cycloctenus**, Koch, 1879.

**fugax**, Goyen. T.N.Z.I. xxii. 267.

**flaviceps**, Koch. *C. lepidus*, Urquhart. T.N.Z.I. xxii. 261.

**pulcher**, Urquhart. T.N.Z.I. xxiii. 183.

Family OXYOPIDÆ.

**Oxyopes**, Latreille, 1804.

**gregarius**, Urquhart. T.N.Z.I. xvii. 51 (*Sphasus*).

**Sphasus**, Walckenaer, 1805.

**gracilipes**, White. P.Z.S. 1849, 4.

**Læstrygones**, Urquhart, 1892.

**albiceres**, Urquhart. T.N.Z.I. xxvi. 217.

Family ATTIDÆ.

**Salticus**, Latreille, 1804.

**appressus**, Powell. T.N.Z.I. v. 281.

**atratus**, Powell. T.N.Z.I. v. 283.

**v-notatus**, Powell. T.N.Z.I. v. 284.

**fumosus**, Powell. T.N.Z.I. v. 284.

**mustilinus**, Powell. T.N.Z.I. v. 285.

**albo-barbatus**, Powell. T.N.Z.I. v. 286.

**Marpissa**, Koch, 1847.

**leucophæna**, Urquhart. T.N.Z.I. xx. 121.

**arenaria**, Urquhart. T.N.Z.I. xx. 123.

**æri-hirta**, Urquhart. T.N.Z.I. xx. 124.

**cineracea**, Urquhart. T.N.Z.I. xxiii. 188.

**armifera**, Urquhart. T.N.Z.I. xxiv. 248.

**nemoralis**, Urquhart. T.N.Z.I. xxiv. 250.

**Marptusa**, Thorell, 1877.

**cinerea**, Koch. Arach. Aust. 1112.

**leucocomus**, Koch. Arach. Aust. 1096.

**marina**, Goyen. T.N.Z.I. xxiv. 253.

**Ballus**, Koch, 1850.

**compactus**, Urquhart. T.N.Z.I. xvii. 50.

**Plexippus**, Koch, 1847.

**minax**, Powell. T.N.Z.I. v. 282 (*Salticus*).

**herbigradus**, Urquhart. T.N.Z.I. xxi. 150.

**capillatus**, Urquhart. T.N.Z.I. xxii. 265.

**silvarus**, Urquhart. T.N.Z.I. xxiv. 252.

**Trite**, Simon, 1885.

*planiceps*, Simon. Zool. Jahrb. Syst. xii. 430.  
  *binotata*, Simon. Zool. Jahrb. Syst. xii. 431.

**Triaenonyx**, Sorensen, 1886.

*obesus*, Simon. Zool. Jahrb. Syst. xii. 431.

**Attus**, Walckenaer, 1805.

*abbreviatus*, Walckenaer.  
  *cooki*, Walckenaer.  
  *phrinoides*, Walckenaer.  
  *tabinus*, Urquhart. T.N.Z.I. xvii. 46.  
  *curvus*, Urquhart. T.N.Z.I. xvii. 46.  
  *furvus*, Urquhart. T.N.Z.I. xvii. 47.  
  *alpinus*, Urquhart. T.N.Z.I. xvii. 48.  
  *albo-palpis*, Urquhart. T.N.Z.I. xvii. 49.  
  *tenebricus*, Urquhart. T.N.Z.I. xvii. 51.  
  *auricomus*, Urquhart. T.N.Z.I. xviii. 202.  
  *zanthrofrontalis*, Urquhart. T.N.Z.I. xviii. 203.  
*var. hirtus*, Urquhart. T.N.Z.I. xviii. 204.  
  *saxatilis*, Urquhart. T.N.Z.I. xviii. 204.  
  *aquilus*, Urquhart. T.N.Z.I. xix. 115.  
  *bimaculosus*, Urquhart. T.N.Z.I. xix. 116.  
  *subfuscus*, Urquhart. T.N.Z.I. xix. 117.  
  *pullus*, Urquhart. T.N.Z.I. xxii. 263.  
  *scindus*, Urquhart. T.N.Z.I. xxii. 264.  
  *montinus*, Urquhart. T.N.Z.I. xxiii. 184.  
  *monticola*, Urquhart. T.N.Z.I. xxiii. 186.  
  *valentulus*, Urquhart. T.N.Z.I. xxiii. 187.  
  *ravus*, Urquhart. T.N.Z.I. xxv. 185.  
  *suffusus*, Urquhart. T.N.Z.I. xxv. 186.  
  *kirkii*, Urquhart. T.N.Z.I. xxv. 187.  
  *tenebrosus*, Urquhart. T.N.Z.I. xxv. 188.  
  *adustus*, Urquhart. T.N.Z.I. xxv. 189.

Order ACARINA.

Family IXODIDÆ.

**Ixodes**, Latreille, 1796.

*eudyptidis*, Maskell. T.N.Z.I. xvii. 19.  
  *maskelli*, Kirk. T.N.Z.I. xix. 65.  
  *apteridis*, Maskell. T.N.Z.I. xxix. 291.  
  *aptericola*, Maskell. T.N.Z.I. xxix. 292.  
  *intermedius*, Neumann. Mem. Soc. Zool. France, 1899, 132.

**Alloptes**, Canestrini, 1879.

*mucronatus*, Trouessart. Bull. Soc. Angers, 1899, 58.

**Faculifer**,

*spinosus*, Trouessart. Bull. Soc. Angers, 1899, 17.

**Eupterolicus**, Canestrini and Kramer, 1899.  
*favetti*, Trouessart. Bull. Soc. Angers, 1899, 6.

**Falciger**, Trouessart, 1884 and 1885.  
*spinosis*, Trouessart. Bull. Soc. Ent. France, 1895, 321.

**Pterolichus**, Robin, 1868.  
*favettei*, Trouessart, Bull. Soc. Ent. France, 1898, 290.

Family HALACARIDÆ.

**Halacarus**, Gosse, 1855.  
*parvus*, Chilton. T.N.Z.I. xv. 190.  
*truncipes*, Chilton. T.N.Z.I. xv. 191.

Family HYDRACHNIDÆ.

**Eylais**, Latreille, 1796.  
Koenike, Zool. Jahrb. xiii. 125 (1900).

Family GAMASIDÆ.

**Uropoda**, Latreille, 1806.  
*vegetans*, De Geer. Maskell, T.N.Z.I. xxv. 201; Smith,  
T.N.Z.I. xxxiv. 199.

**Leiosoma**, Nicolet, 1855.  
*longipilis*, Moniez. Smith, T.N.Z.I. xxviii. 470.

Order PEDIPALPIDA.

Family PHALANGIIDÆ.

**Dasylobus**, Simon, 1879.  
*australis*, Simon. Zool. Jahrb. Syst. xii. 437.

Family PHRYNIDÆ.

**Phrynus**, Latreille, 1802.  
*listeri*, White. P.Z.S. 1849, 6.  
*cheliferoides*, Colenso. T.N.Z.I. xv. 166.

Order PSEUDOSCORPIONIDA.

Family CHERNETIDÆ.

**Chelifer**, Geoffroy, 1764.  
*pallipes*, White. P.Z.S. 1849, 6.

Order PYCNOGONIDA.

Family NYMPHONIDÆ.

Sub-family NYMPHONINÆ.

**Nymphon**, Fabricius, 1837.  
*compactum*, Hoek. Thomson, T.N.Z.I. xvi. 243  
*longicoxa*, Hoek. Thomson, T.N.Z.I. xvi. 243.

## Sub-family COLOSSENDEINÆ.

**Ammothea**, Leach, 1814.

dohrni, Thomson. T.N.Z.I. xvi. 243.

magnicipes, Thomson. T.N.Z.I. xvi. 245.

**Oorhynchus**, Hoek, 1881.

aucklandiæ, Hoek. Thomson, T.N.Z.I. xvi. 245.

## Sub-family PALLENNINÆ.

**Pallene**, Johnston, 1837.

novæ-zealandiæ, Thomson. T.N.Z.I. xvi. 246.

**Phoxichilidium**, Johnston, 1839.

obliquum, Thomson. T.N.Z.I. xvi. 247.

## Order TARDIGRADA.

This order is represented in New Zealand, but no species have as yet been described.

## CLASS, CRUSTACEA.

## Sub-class MALACOSTRACA.

## Order DECAPODA.

## Sub-order BRACHYURA.

## Section MAIOIDEA.

## Family INACHIDÆ.

**Stenorhynchus**, Lamarck, 1818.

fissifrons, Haswell. P.L.S. N.S.W. iii. 409 and 432.

**Trichoplatus**, A. Milne-Edwards, 1876.huttoni, A. Milne-Edwards. Miss. de l'Ile Campbell, 352.  
= *Halimus hectori*, Miers. Cat. N.Z. Crust. 4.**Halimus**, Latreille, 1825.

rubiginosus, Kirk. T.N.Z.I. xiii. 236.

## Family MAIIDÆ.

**Paramithrax**, Milne-Edwards, 1834.

peronii, Milne-Edwards. Cat. N.Z. Crust. 5.

latreilli, Miers = *C. barbicornis*, Miers. Cat. N.Z. Crust. 6 =  
*C. cristatus*, Filhol. Miss. de l'Ile Campbell, 358.*sternocostulatus*, A. Milne-Edwards = *P. gaimardii*, Miers.  
Cat. N.Z. Crust. 6; Cat. Austral. Crust. 13.

minor, Filhol. Miss. de l'Ile Campbell, 356.

longipes, G. M. Thomson. A.M.N.H. 7, x. 361.

**Leptomithrax**, Miers, 1876.

australis, Jacquinot and Lucas. Cat. N.Z. Crust. 7.

longimanus, Miers. Cat. N.Z. Crust. 8.

**Acantophrys**, A. Milne-Edwards, 1876.

*filholi*, A. Milne-Edwards. Miss. de l'Ile Campbell, 365.

**Micippa**, Leach, 1817.

*spinosa*, Stimpson. Cat. N.Z. Crust. 9.

Family PERICERIDÆ.

**Prionorhynchus**, Jacquinot and Lucas, 1853.

*edwardsii*, Jacquinot and Lucas. Cat. N.Z. Crust 11; Miss. de l'Ile Campbell, 367.

Family PARTHENOPIDÆ.

**Euryngolambrus**, Milne-Edwards and Lucas, 1841.

*australis*, Milne-Edwards and Lucas, Cat. N.Z. Crust. 12.

Section CANCROIDEA.

Family CANCRIDÆ.

**Cancer**, Linnæus, 1766.

*novæ-zealandiæ*, Jacquinot and Lucas. Cat. N.Z. Crust. 14.

**Heterozius**, A. Milne-Edwards, 1867.

*rotundifrons*, A. Milne-Edwards. Cat. N.Z. Crust. 15.

**Xantho**, Leach, 1815.

*spinotuberculata*, Lock. T.N.Z.I. xi. 396.

**Leptodius**, A. Milne-Edwards, 1860.

*nudipes*, Dana. Cat. N.Z. Crust. 17; Miss. de l'Ile Campbell, 374.

*eudorus*, Herbst. Cat. N.Z. Crust. 17; Miss. de l'Ile Campbell, 374.

**Pilumnus**, Leach, 1815.

*vespertilio*, Fabricius. Cat. N.Z. Crust. 19.

*tomentosus*, Latreille. Cat. N.Z. Crust. 20.

*novæ-zealandiæ*, Filhol. Miss. de l'Ile Campbell, 375.

*spinosus*, Filhol. Miss. de l'Ile Campbell, 377.

**Pilumnopeus**, A. Milne-Edwards, 1867.

*serratifrons*, Kinahan. Cat. N.Z. Crust. 20; Miss. de l'Ile Campbell, 378.

**Ozius**, A. Milne-Edwards, 1834.

*truncatus*, A. Milne-Edwards. Cat. N.Z. Crust. 21.

**Panopeus**, A. Milne-Edwards, 1834.

*otagoensis*, Filhol. Miss. de l'Ile Campbell, 379.

**Ruppellioides**, A. Milne-Edwards, 1867.

*convexus*, A. Milne-Edwards. Cat. N.Z. Crust. 23; Miss. de l'Ile Campbell, 381.

## Family PORTUNIDÆ.

**Portunus**, Fabricius, 1798.**pusillus**, Leach. T.N.Z.I. xi. 402.**Neptunus**, de Haan, 1833.

sayi, A. Milne-Edwards. Cat. N.Z. Crust. 24.

**pelagicus**, Linnæus. Cat. N.Z. Crust. 25.**Thalamita**, Latreille, 1829.

sima, A. Milne-Edwards. Cat. N.Z. Crust. 28.

**Nectocarcinus**, A. Milne-Edwards, 1860.**integrifrons**, Latreille. Cat. N.Z. Crust. 30.**antarcticus**, Jacquinot and Lucas. Cat. N.Z. Crust. 30.**Platyonichus**, Latreille, 1825.**bipustulatus**, A. Milne-Edwards. Cat. N.Z. Crust. 32.**ocellatus**, Herbst. T.N.Z.I. ix. 473; Miss. de l'Ile Campbell, 383.

## Section OCYPODIIDEA.

## Family OCYPODIIDÆ.

**Ommatocarcinus**, White, 1852.**huttoni**, Filhol. Miss. de l'Ile Campbell, 384.**macgillivrayi**, White. Miss. de l'Ile Campbell, 385; Challenger Reports, xvii. 247.**Macrophthalmus**, Latreille, 1829.**hirtipes**, Jacquinot and Lucas = *Cleistostoma*? *hirtipes*. Voy. au Pole Sud. Crust. 68; A.M.N.H. 7, x. 462.**Hemiplax**, Heller, 1865.**hirtipes**, Heller. Cat. N.Z. Crust. 34; Challenger Reports, xvii. 251.**Gelasimus**, Latreille, 1880.**thomsoni**, Kirk. T.N.Z.I. xiii. 237.**huttoni**, Filhol. Miss. de l'Ile Campbell, 386.**Helcæcius**, Dana, 1852.**cordiformis**, A. Milne-Edwards. Cat. N.Z. Crust. 35.

## Family GRAPSIDÆ.

**Grapsus**, Lamarck, 1801.**pictus**, Latreille. Cat. N.Z. Crust. 36; Miss. de l'Ile Campbell, 387.**Leptograpsus**, Milne-Edwards, 1853.**variegatus**, Fabricius. Cat. N.Z. Crust. 36; Challenger Reports, xvii. 257.**Heterograpsus**, Lucas, 1849.**sexdentatus**, Milne-Edwards. Cat. N.Z. Crust. 37.

**Heterograpsus crenulatus**, Milne-Edwards. Cat. N.Z. Crust. 38.  
**maculatus**, Milne-Edwards. Cat. N.Z. Crust. 39; Miss. de l'Ile Campbell, 389.

**Nautilograpsus**, A. Milne-Edwards, 1837. (=*Planes*, Leach.)  
**minutus**, Linnæus. Cat. N.Z. Crust. 39; Challenger Reports, xvii. 254.

**Cyclograpsus**, Milne-Edwards, 1837.  
**lavauxi**, Milne-Edwards. Cat. N.Z. Crust. 41.

**Chasmagnathus**, de Haan, 1835.  
**subquadratus**, Dana. Cat. N.Z. Crust. 42.  
**lævis**, Dana. Cat. N.Z. Crust. 42.

**Helice**, de Haan, 1835.  
**crassa**, Dana. Cat. N.Z. Crust. 43.  
**lucasi**, A. Milne-Edwards. Cat. N.Z. Crust. 44; Miss. de l'Ile Campbell, 391.

**Sesarma**, Say, 1817.  
**pentagona**, Hutton. T.N.Z.I. vii. 279.

**Plagusia**, Latreille, 1806.  
**chabrus**, Linnæus. Cat. N.Z. Crust. 45; Miss. de l'Ile Campbell, 393.

**Leiophorus**, Miers, 1876.  
**planissimus**, Herbst. Cat. N.Z. Crust. 46; Miss. de l'Ile Campbell, 394.

Family PINNOTHERIDÆ.

**Pinnotheres**, Latreille, 1803.  
**pisum**, Linnæus. Cat. N.Z. Crust. 48.  
**novæ-zealandiæ**, Filhol. Miss. de l'Ile Campbell, 395.

**Halicarcinus**, White, 1846.  
**planatus**, Fabricius. Cat. N.Z. Crust. 49; Challenger Reports, xvii. 281; P.Z.S. 1900, 524.  
**tridentatus**, Jacquinot and Lucas. Miss. de l'Ile Campbell, 396.  
**huttoni**, Filhol. Miss. de l'Ile Campbell, 398.

**Hymenicus**, Dana, 1852.  
**varius**, Dana. Cat. N.Z. Crust. 50.  
**pubescens**, Dana. Cat. N.Z. Crust. 51.  
**depressus**, Jacquinot and Lucas. Cat. N.Z. Crust. 51.  
**edwardsii**, Filhol. Miss. de l'Ile Campbell, 400.  
**cooki**, Filhol. Miss. de l'Ile Campbell, 401.  
**haasti**, Filhol. Miss. de l'Ile Campbell, 402.  
**marmoratus**, Chilton. T.N.Z.I. xiv. 172.

**Hymenosoma**, Leach, 1825.

**lacustris**, Chilton. T.N.Z.I. xv. 69; Fulton and Grant, Proc. R.S. Vict. xv. (New Series), 59.

**Elamena**, Milne-Edwards, 1837.

**quoyi**, Milne-Edwards. Cat. N.Z. Crust. 52; Miss. de l'Ile Campbell, 403.

**whitei**, Miers. Cat. N.Z. Crust. 52; Miss. de l'Ile Campbell, 403.

**longirostris**, Filhol. Miss. de l'Ile Campbell, 403.

**kirki**, Filhol. Miss. de l'Ile Campbell, 405.

**producta**, Kirk. T.N.Z.I. xi. 395; Miss de l'Ile Campbell, 404.

Section LEUCOSIIDÆ.

Family LEUCOSIIDÆ.

**Ebalia**, Leach, 1817. (=*Phlyxia*, Bell.)

**lævis**, Bell. Cat. N.Z. Crust. 56; Challenger Reports, xvii. 306.

**cheesemani**, Filhol. Miss. de l'Ile Campbell, 407.

**tumefacta**, Kirk. T.N.Z.I. xi. 395.

**tuberculosa**, A. Milne-Edwards. Challenger Reports, xvii. 306.

Sub-order ANOMURA.

Group DROMIDEA.

Family DROMIDÆ.

**Cryptodromia**, Stimpson, 1858.

**lateralis**, Gray. T.N.Z.I. xxxi. 170.

Group PAGURIDEA.

Family PAGURIDÆ.

**Clibanarius**, Dana, 1851.

**cruentatus**, Milne-Edwards. T.N.Z.I. xxxi. 172.

**barbatus**, Heller. T.N.Z.I. xxxi. 172.

**Eupagurus**, Brandt, 1851.

**novæ-zealandiæ**, Dana. T.N.Z.I. xxxi. 173.

**kirkii**, Filhol. T.N.Z.I. xxxi. 175.

**cookii**, Filhol. T.N.Z.I. xxxi. 176.

**hectori**, Filhol. T.N.Z.I. xxxi. 177.

**lacertosus**, Henderson. T.N.Z.I. xxxi. 178.

**traversi**, Filhol. T.N.Z.I. xxxi. 179.

**stewarti**, Filhol. T.N.Z.I. xxxi. 180.

**rubicatus**, Henderson. T.N.Z.I. xxxi. 180.

**spinulimanus**, Miers. T.N.Z.I. xxxi. 181.

**edwardsi**, Filhol. T.N.Z.I. xxxi. 182.

**campbelli**, Filhol. T.N.Z.I. xxxi. 183.

**thomsoni**, Filhol. T.N.Z.I. xxxi. 183.

**cristatus**, Milne-Edwards. T.N.Z.I. xxxi. 184.

**Aniculus**, Dana, 1851.

*typicus*, Dana. T.N.Z.I. xxxi. 184.

**Stratiotes**, Thomson, 1897.

*setosus*, Filhol. T.N.Z.I. xxxi. 185.

**Paguristes**, Dana, 1851.

*pilosus*, A. Milne-Edwards. T.N.Z.I. xxxi. 187.

*subpilosus*, Henderson. Challenger Reports, xxvii. 77 ;  
        T.N.Z.I. xxxi. 187.

Family PARAPAGURIDÆ.

**Parapagurus**, S. J. Smith, 1879.

*latimanus*, Henderson. Challenger Reports, xxvii. 91 ;  
        T.N.Z.I. xxxi. 187.

**Pagurodes**, Henderson, 1888.

*inarmatus*, Henderson. Challenger Reports, xxvii. 94 ;  
        T.N.Z.I. xxxi. 187.

*Genus incerte sedis.*

**Porcellanopagurus**, Filhol, 1885.

*edwardsi*, Filhol. T.N.Z.I. xxxi. 187.

Group GALATHEIDEA.

Family PORCELLANIDÆ.

**Petrolisthes**, Stimpson, 1858.

*elongatus*, Milne-Edwards. T.N.Z.I. xxxi. 189.

*novæ-zealandiæ*, Filhol. T.N.Z.I. xxxi. 190.

**Petrocheles**, Miers, 1876.

*spinosis*, Miers. T.N.Z.I. xxxi. 191.

**Porcellana**, Lamarck, 1801.

*rupicola*, Stimpson. T.N.Z.I. xi. 396.

Family GALATHEIDÆ.

**Galathea**, Fabricius, 1793.

*pusilla*, Henderson. T.N.Z.I. xxxi. 193.

**Munida**, Leach, 1820.

*subrugosa*, Henderson. Challenger Reports, xxvii. 124 ;  
        T.N.Z.I. xxxi. 194.

*gracilis*, Henderson. T.N.Z.I. xxxi. 196.

*microphthalmia*, A. Milne-Edwards. T.N.Z.I. xxxi. 196.

**Elasmonotus**, A. Milne-Edwards, 1880.

*marginatus*, Henderson. T.N.Z.I. xxxi. 196.

**Uroptychus**, Henderson, 1888.

*spinimarginatus*, Henderson. T.N.Z.I. xxxi. 196.

*politus*, Henderson. T.N.Z.I. xxxi. 196.

*australis*, Henderson. T.N.Z.I. xxxi. 197.

## Sub-order MACRURA.

## Division TRICHOBRANCHIATA.

## Group ABERRANTIA.

## Family CALLIANASSIDÆ.

**Callianassa**, Leach, 1814.

sp. indef, Kirk. T.N.Z.I. 401.

**filholi**, A. Milne-Edwards. Mission de l'Ile Campbell, 429.**Upogebia**, Leach, 1814 = *Gebia*, Leach.**danai**, Miers. Cat. N.Z. Crust. 70; *G. hirtifrons*, Kirk, T.N.Z.I. xi. 401.

## Family AXIIDÆ.

**Eiconaxius**, Spence Bate, 1888.**kermadeci**, Spence Bate. Challenger Reports, xxiv. 43.**parvus**, Spence Bate. Challenger Reports, xxiv. 44.

## Group NORMALIA.

## Tribe SYNAXIDEA.

## Family SCYLLARIDÆ.

**Ibacus**, Leach, 1815.**alticrenatus**, Spence Bate. Challenger Reports, xxiv. 63.

## Family PALINURIDÆ.

**Jasus**, T. J. Parker, 1883 = *Palinostylus*, Spence Bate.**edwardsi**, Hutton. T.N.Z.I. vii. 279; Parker, T.N.Z.I. xvi. 297, and xix. 150.**lalandii**, M. Edwards. Cat. N.Z. Crust. 74; Parker, T.N.Z.I. xvi. 297, and xix. 150.**hugelii**, Heller. Cat. Aust. Crust. 172 = *Palinurus tumidus*, Kirk, T.N.Z.I. xii. 314.

## Tribe ASTACIDEA.

## Family ERYONTIDÆ.

**Polycheles**, Heller, 1862.**helleri**, Spence Bate. Challenger Reports, xxiv. 138.**Pentacheles**, Spence Bate, 1878.**euthrix**, Willemoes-Suhm. Challenger Reports, xxiv. 149.

## Family NEPHROPSIDÆ.

**Nephrops**, Leach, 1816.**thomsoni**, Spence Bate. Challenger Reports, xxiv. 185.

## Family PARASTACIDÆ.

**Paranephrops**, White, 1842.**planifrons**, White. Chilton, T.N.Z.I. xxxii. 14.**zealandicus**, White. Chilton, T.N.Z.I. xxxii. 15.**setosus**, Hutton. Chilton, T.N.Z.I. xxxii. 16.

## Division DENDROBRANCHIATA.

## Family PENAEIDÆ.

**? Philonicus**, Spence Bate, 1888.**? lucasii**, Spence Bate. Ann. Mag. Nat. Hist. 5, viii. 185; Challenger Reports, xxiv. 277.**Haliporus**, Spence Bate, 1881.**obliquirostris**, Spence Bate. Challenger Reports, xxiv. 286.**Hemipenæus**, Spence Bate, 1881.**semidentatus**, Spence Bate. Challenger Reports, xxiv. 305.**Benthesicymus**, Spence Bate, 1881.**brasiliensis**, Spence Bate. Challenger Reports, xxiv. 332.**iridescens**, Spence Bate. Challenger Reports, xxiv. 335.**altus**, Spence Bate. Challenger Reports, xxiv. 336.

## Family SERGESTIDÆ.

**Sergestes**, Milne-Edwards, 1830.**kröyeri**, Spence Bate. Challenger Reports, xxiv. 388.**? parvidens**, Spence Bate. Challenger Reports, xxiv. 409.

## Division PHYLBORANCHIATA.

## Tribe CRANGONIDEA.

## Family CRANGONIDÆ.

**Pontophilus**, Leach, 1817.**australis**, Hutton. T.N.Z.I. xi. 231; T.L.S. 2, viii. 434.**gracilis**, Spence Bate. Challenger Reports, xxiv. 487.

## Tribe POLYCARPIDEA.

## Family NIKIDÆ.

**Glyphocrangon**, A. Milne-Edwards, 1884.**regalis**, Spence Bate. Challenger Reports, xxiv. 517.

## Family ALPHEIDÆ.

**Alpheus**, Fabricius, 1778.**socialis**, Heller. Voy. Novara, Crust. pl. 106; Cat. N.Z.

Crust. 82; T.L.S. 2, viii. 436.

**novæ-zealandiæ**, Miers. Cat. N.Z. Crust. 82.**halesii**, Kirk. T.N.Z.I. xix. 194.**Betæus**, Dana, 1852.**æquimanus**, Dana. Cat. N.Z. Crust. 83; T.L.S. 2, viii. 438.

## Family HIPPOLYTIDÆ.

**Alope**, White, 1848.**palpalis**, White. Cat. N.Z. Crust. 84; T.L.S. 2, viii. 440.**Hippolyte**, Leach, 1815.**bifidirostris**, Miers. Cat. N.Z. Crust. 81 (*Virbius*); T.L.S.

2, viii. 443.

**Merhippolyte**, Spence Bate, 1888.

*spinifrons*, Milne-Edwards. Cat. N.Z. Crust. 80 (*Hippolyte*, T.L.S. 2, viii. 444).

**Nauticaris**, Spence Bate, 1888.

*stewarti*, G. M. Thomson. T.N.Z.I. xxi. 259 (*Hippolyte*); T.L.S. 2, viii. 445.

Family PANDALIDÆ.

**Plesionika**, Spence Bate, 1888.

*semilævis*, Spence Bate. Challenger Reports, xxiv. 644.

**Pandalus**, Leach, 1817.

*magnoculus*, Spence Bate. Challenger Reports, xxiv. 667.

Tribe MONOCARPIDEA.

Family ATYIDÆ.

**Xiphocaris**, v. Martens, 1872.

*curvirostris*, Heller. Cat. N.Z. Crust. 78 (*Caridina*); T.L.S. 2, viii. 447.

Family PALÆMONIDÆ.

**Acanthephyra**, A. Milne-Edwards, 1881.

*sica*, Spencer Bate. Challenger Reports, xxiv. 739.

*brachytelsonis*, Spencer Bate. Challenger Reports, xxiv. 753.

**Palæmon**, Fabricius, 1798.

*affinis*, A. Milne-Edwards. Cat. N.Z. Crust. 85.

*natator*, A. Milne-Edwards. Cat. N.Z. Crust. 86.

**Bithynis**, Philippi, 1860.

*ornatus*, Olivier. Cat. N.Z. Crust. 87.

**Brachycarpus**, Spence Bate, 1888.

*audouini*, Spence Bate. Challenger Reports, xxiv. 798.

**Nematocarcinus**, A. Milne-Edwards, 1884.

*undulatipes*, Spence Bate. Challenger Reports, xxiv. 801.

*gracilis*, Spence Bate. Challenger Reports, xxiv. 815.

*serratus*, Spence Bate. Challenger Reports, xxiv. 819.

*hiatus*, Spence Bate. Challenger Reports, xxiv. 821.

Family STYLODACTYLIDÆ.

**Stylocactus**, A. Milne-Edwards, 1883.

*discissipes*, Spence Bate. Challenger Reports, xxiv. 851.

*orientalis*, Spence Bate. Challenger Reports, xxiv. 854.

Order SCHIZOPODA.

Family EUPHAUSIIDÆ.

**Nyctiphantes**, Sars, 1883.

*australis*, Sars. Thomson, J.L.S. Zool. xxvii. 485.

## Family MYSIIDÆ.

**Siriella**, Dana, 1850.*denticulata* (Thomson). J.L.S. Zool. xxvii. 482.**Tenagomysis**, Thomson, 1900.*novæ-zealandiæ*, Thomson. J.L.S. Zool. xxvii. 484.

## Order STOMATOPODA.

## Family SQUILLIDÆ.

**Squilla**, Fabricius, 1793.*nepa*, Latreille. Chilton, T.N.Z.I. xxiii. 60.*armata*, A. Milne-Edwards. Chilton, T.N.Z.I. xxiii. 60.**Protosquilla**, Brooks, 1886.*trispinosa*, White. Chilton, T.N.Z.I. xxiii. 61.**Lysiosquilla**, Latreille, 1825.*spinosa*, Wood-Mason. Chilton, T.N.Z.I. xxiii. 61

## Order CUMACEA.

## Family CUMIDÆ.

**Cyclaspis**, Sars, 1864.*lævis*, G. M. Thomson. J.L.S. Zool. xxiv. 264.

## Family DIASTYLIDÆ.

**Diastylis**, Say, 1818.*neo-zealanica*, G. M. Thomson. J.L.S. Zool. xxiv. 268.

## Order EDRIOPHTHALMATA.

## Sub-order AMPHIPODA.

## Tribe HYPERIDEA.

## Family VIBILIDÆ.

**Vibilia**, A. Milne-Edwards, 1830.*propinqua*, Stebbing. Challenger Reports, xxix. 1279; Chilton, T.N.Z.I. xxiv. 261.

## Family CYSTISOMIDÆ.

**Cystisoma**, Guérin-Méneville, 1842.*spinosum* (Fabricius). Stebbing, Challenger Reports, xxix. 1331.

## Family PHRONIMIDÆ.

**Phronima**, Latreille, 1803.*novæ-zealandiæ*, Powell. T.N.Z.I. vii. 294; Stebbing, Challenger Reports, xxix. 1356.

## Family HYPERIDÆ.

**Euthemisto**, Bovallius, 1887.*thomsoni*, Stebbing (= *Themisto antartica*, Thomson); Challenger Reports, xxix. 1414; Chilton T.N.Z.I. xxiv. 263.

## Family PHROSINIDÆ.

**Anchylomera**, Milne-Edwards, 1830.  
**blossevillei**, Milne-Edwards. Stebbing, Challenger Reports, xxix. 1433.

**Primno**, Guérin-Méneville, 1836.  
**latreillei**, Stebbing. Challenger Reports, xxix. 1445.

## Family TYPHIDÆ.

**Platyscelus**, Spence Bate, 1861.  
**intermedius**, G. M. Thomson. T.N.Z.I. xi. 244; Stebbing, Challenger Reports, xxix. 1464.

## Family PRONOIDÆ.

**Parapronoë**, Claus, 1879.  
**clausoides**, Stebbing. Challenger Reports, xxix. 1529.

## Family TRYPHANIDÆ.

**Brachyscelus**, Spence Bate, 1861.  
**crusculum**, Spence Bate. Stebbing, Challenger Reports, 1547.

## Family OXYCEPHALIDÆ.

**Oxycephalus**, Milne-Edwards, 1830.  
**edwardsii**, G. M. Thomson. T.N.Z.I. xvi. 238; Stebbing, Challenger Reports, xxix. 1585.

## Tribe GAMMARIDEA.

## Family ORCHESTIDÆ.

**Orchestia**, Leach, 1813.  
**gammarellus**, Pallas. Thomson, T.N.Z.I. xxxi. 199.  
**chiliensis**, Milne-Edwards. Thomson, T.N.Z.I. xxxi. 199.  
**telluris**, Spence Bate. Thomson, T.N.Z.I. xxxi. 200.  
**aucklandiae**, Spence Bate. Thomson, T.N.Z.I. xxxi. 201.  
**quoyana**, A. Milne-Edwards. Thomson, T.N.Z.I. xxxi. 202.  
**tumida**, Thomson. T.N.Z.I. xxxi. 203.  
**sylvicola**, Dana. Thomson, T.N.Z.I. xxxi. 203.

**Hyale**, Rathke, 1837.  
**prevostii**, Milne-Edwards. Thomson, T.N.Z.I. xxxi. 204.  
**pontica**, Rathke. Thomson, T.N.Z.I. xxxi. 205.  
**lubbockiana**, Spence Bate. Thomson, T.N.Z.I. xxxi. 206.  
**chiltoni**, G. M. Thomson. T.N.Z.I. xxxi. 206.

**Chiltonia**, Stebbing, 1899.  
**mihiwaka**, Chilton. Stebbing, T. Linn. Soc. Zool. vii. 408;  
*Hyalella mihiwaka*, Thomson, T.N.Z.I. xxxi. 207.

**Ceina**, Della Valle, 1893.  
**egregia**, Chilton. Thomson, T.N.Z.I. xxxi. 207.

## Family LYSIANASSIDÆ.

**Anonyx**, Kröyer, 1838.**exiguus**, Stimpson. G. M. Thomson, T.N.Z.I. xiv. 232.**Lysianax**, Stebbing, 1888 (substitute for *Lysianassa*, Milne-Edwards, pre-occupied).**kröyeri**, Spence Bate. G. M. Thomson, T.N.Z.I. xi. 237.**Amaryllis**, Haswell, 1880.**macrophthalmus**, Haswell. Thomson, A.M.N.H. 7, x. 463.**Andaniotes**, Stebbing, 1897.**corpulentus**, Thomson. Stebbing, T. Linn. Soc. Zool. vii. 31.

## Family AMPHILOCHIDÆ.

**Amphilochus**, Spence Bate, 1862.**squamosus**, Thomson. T.N.Z.I. xiii. 214.**Cypridæa**, Haswell, 1880.**otakensis**, Chilton. A.M.N.H. 7, v. 241.**Tetradeion**, Stebbing, 1899.**crassa**, Chilton. Stebbing, A.M.N.H. 7, iv. 207; *Cypridæa* ?**crassa**, Chilton, T.N.Z.I. xv. 80.

## Family LEUCOTHOIDÆ.

**Leucothoë**, Leach, 1813.**trailii**, Thomson. T.N.Z.I. xiv. 234.**tridens**, Stebbing. Challenger Reports, xxix. 777.**Seba**, Spence Bate, 1862.**saunderii**, Stebbing. Chilton, T.N.Z.I. xxiv. 260.

## Family PONTOPOREIIDÆ.

**Phoxocephalus**, Stebbing, 1888.**bassi**, Stebbing. Thomson, A.M.N.H.**Parharpinia**, Stebbing, 1899.**vilosus**, Haswell. Stebbing, A.M.N.H. 7, iv. 207; *Phoxus batei*, G. M. Thomson, T.N.Z.I. xiv. 232.**Platyischnopus**, Stebbing, 1888.**neo-zelanicus**, Chilton. A.M.N.H. 6, xix. 1.

## Family CEDICERIDÆ.

**Œdiceros**, Kröyer, 1842.**novæ-zealandiæ**, Dana. Miers, Cat. N.Z. Crust. 126.

## Family PLEUSTIDÆ.

**Pleustes**, Spence Bate, 1858.**panoplus**, Kröyer. Kirk, T.N.Z.I. xi. 402.

## Family IPHIMEDIDÆ

**Iphimedia**, Rathke, 1843.**spinosa**, G. M. Thomson. *Panoptæa spinosa* G. M. Thomson, T.N.Z.I. xiii. 213.

## Family ATYLIDÆ.

**Halirages**, Boeck, 1870.**debilis**, Thomson. Stebbing, Challenger Reports, xxix. 524; *Panoplaea debilis*, Thomson, T.N.Z.I. xiii. 213.**translucens**, Chilton. Stebbing, Challenger Reports, xxix. 551; *Panoptæa translucens*, Chilton, T.N.Z.I. xvi. 263.**Atylus**, Leach, 1815.**danai**, Thomson. T.N.Z.I. xi. 238.

## Family DEXAMINIDÆ.

**Tritaeta**, Boeck, 1876.**antarctica**, Stebbing. Challenger Reports, xxix. 451; *Polycheria obtusa*, Thomson, T.N.Z.I. xiv. 233.**Paradexamine**, Stebbing, 1899.**pacifica**, Thomson. Stebbing, A.M.N.H. 7, iv. 210; *Dexamine pacifica*, Thomson, T.N.Z.I. xi. 238.**levis**, Thomson = *Amphithonotus levis*, Thomson, T.N.Z.I. xiii. 215.

## Family EUSIRIDÆ.

**Eusirus**, Kröyer, 1845.**longipes**, Kröyer, Challenger Reports, xxix. 965.**Liljeborgia**, Spence Bate, 1862.**haswelli**, Stebbing. Challenger Reports, xxix. 985; A.M.N.H. 7, x. 463.

## Family CALLIOPIIDÆ.

**Paracalliope**, Stebbing, 1899.**fluviatilis**, Thomson. Stebbing, A.M.N.H. 7, iv. 210; *Calliope fluviatilis*, Thomson, T.N.Z.I. xi. 240.**Paraleptamphopus**, Stebbing, 1899.**subterraneus**, Chilton. Stebbing, A.M.N.H. 7, iv. 209; *Calliopius subterraneus*, Chilton, T. Linn. Soc. Zool. vi. 234.**cærulea**, Thomson. Stebbing, A.M.N.H. 7, iv. 209, and T.Z.S. xii. 206.**Calliopius**, Liljeborg, 1865.**didactylus**, Thomson. T.N.Z.I. xi. 240.**Pherusa**, Leach, 1814.**novæ-zealandiæ**, Thomson. T.N.Z.I. xi. 239.

## Family STENOTHOIDÆ.

**Stenothoë**, Dana, 1852.*miersii*, Haswell. *Montaguana miersii*, Chilton, T.N.Z.I. xv. 79.*adhærens*, Stebbing. Chilton, T.N.Z.I. xxiv. 259.

## Family AMPELISCIDÆ.

**Ampelisca**, Kroyér, 1842.*chiltoni*, Stebbing. Challenger Reports, xxix. 1042.*acinaces*, Stebbing. Challenger Reports, xxix. 1036.

## Family PHLIADIDÆ.

**Bircenna**, Chilton, 1884.*fulva*, Chilton. T.N.Z.I. xvi. 264.**Iphinotus**, Stebbing, 1899.*typica*, Thomson, A.M.N.H. 7, x. 464 = *chiltoni*, Stebbing. T. Linn. Soc. Zool. vii. 419.

## Family GAMMARIDÆ.

**Phreatogammarus**, Stebbing, 1899.*fragilis*, Chilton. Stebbing, T. Linn. Soc. Zool. vii. 427; *Gammarus fragilis*, Chilton, T. Linn. Soc. Zool. vi. 227.**Mæra**, Leach, 1813.*rubromaculata*, Stebbing. Challenger Reports, xxix. 1008, *spinosa*, Chilton, T.N.Z.I. xv. 81.*fasciculata*, Thomson. T.N.Z.I. xiii. 218.*quadrimana*, Spence Bate. Thomson, T.N.Z.I. xiv. 235.*incerta*, Chilton. T.N.Z.I. xv. 83.*haswelli*, Thomson. A.M.N.H. 6, xx. 449; Stebbing, A.M.N.H. 7, iii. .**Elasmopus**, Costa, 1853.*subcarinatus*, Haswell. Stebbing, Challenger Reports, xxix. 1019; Chilton, T.N.Z.I. xxiv. 261.**Melita**, Leach, 1813.*tenuicornis*, Dana. Miers, Cat. N.Z. Crust. 127.**Paracrangonyx**, Stebbing, 1899.*compactus*, Chilton. Stebbing, T. Linn. Soc. Zool. vii. 424; *Crangonyx compactus*, Chilton, T. Linn. Soc. Zool. vi. 220.

## Family PHOTIDÆ.

**Aora**, Kröyer, 1845.*typica*, Kröyer. Chilton, A.M.N.H. 5, xvi. 375.**Gammaropsis**, Liljeborg, 1855.*typica* = *Paranenia typica*, Chilton, T.N.Z.I. xvi. 259.*dentifera*, Haswell. *Paranenia dentifera*, Chilton, T.N.Z.I. xvi. 260.

**Gammaropsis longimana** = *Paranenia longimana*, Chilton,  
T.N.Z.I. xvi. 261.

**thomsoni**, Stebbing. Challenger Reports, xxix. 1103.

**chiltoni** = *Mæra chiltoni*, Thomson, A.M.N.H. 6, xx. 447.

**Podoceropsis**, Boeck, 1860.

**kermadeci**, Stebbing. Challenger Reports, xxix. 1109.

#### Family PODOCERIDÆ.

**Podocerus**, Leach, 1814.

**validus**, Dana. Stebbing, Challenger Reports, xxix. 1135.

**hoeki**, Stebbing. Challenger Reports, xxix. 1136.

**frequens**, Chilton. T.N.Z.I. xv. 85.

**latipes**, Chilton. T.N.Z.I. xvi. 258 (name preoccupied).

**longimanus**, Haswell. Chilton, T.N.Z.I. xvi. 255.

**cristatus**, Thomson = *Cyrtophium cristatum*, Thomson,  
T.N.Z.I. xiii. 219.

**Harmonia**, Haswell, 1880 (name preoccupied).

**crassipes**, Haswell. Chilton, T.N.Z.I. xv. 82.

#### Family COROPHIIDÆ.

**Corophium**, Latreille, 1800.

**contractum**, Stimpson. Thomson, T.N.Z.I. xiii. 220.

**classicorne**, Bruzelius. Chilton, T.N.Z.I. xviii. 142.

**Paracorophium**, Stebbing, 1899.

**excavatum**, Thomson. Stebbing, A.M.N.H. 7, iii. 241

and 350; *Corophium excavatum*, Thomson, T.N.Z.I.

xvi. 236.

#### Family ?

**Haplocheira**, Haswell, 1880.

**barbimana**, Stebbing. Challenger Reports, xxix. 1177

= *Corophium barbimanum*, Thomson and Chilton, T.N.Z.I.

xviii. 143.

**Camacho**, Stebbing, 1888.

**bathyplous**, Stebbing. Challenger Reports, xxix. 1179.

#### Tribe CAPRELLIDEA.

**Caprella**, Lamarck, 1801.

**æquilibra**, Say. Stebbing, Challenger Reports, xxix. 1254.

**linearis**, Bate. Mayer, Capr. d. G. Neapel, 58; *C. lobata*,  
Kirk, T.N.Z.I. xi. 393.

**Caprellinopsis**, Stebbing, 1888 (substitute for *Caprellina*,  
Thomson, preoccupied).

**longicollet**, Nicolet. Mayer, Capr. d. G. Neapel, 27.

## Family CYAMIDÆ.

**Cyamus**, Latreille, 1796.*ceti*, Lamarck. Chilton, T.N.Z.I. xvi. 252.

## Sub-order ISOPODA.

## Tribe CHELIFERA.

## Family APSEUDIDÆ.

**Apseudes**, Leach, 1814.*timaruvia*, Chilton. T.N.Z.I. xv. 146.*latus*, Chilton. T.N.Z.I. xvi. 249.

## Family TANAIDÆ.

**Tanais**, A. Milne-Edwards, 1829.*novæ-zealandiæ*, G. M. Thomson. T.N.Z.I. xiii. 207.**Paratanais**, Dana, 1852.*tenuis*, G. M. Thomson. T.N.Z.I. xiii. 207.

## Tribe FLABELLIFERA.

## Family ANTHRIDÆ.

**Anthura**, Leach, 1814.*flagellata*, Chilton. T.N.Z.I. xiv. 172.*affinis*, Chilton. T.N.Z.I. xv. 72; Stebbing, Hist. Crust. 332.**Paranthura**, Bate and Westwood, 1866.*costana*, Bate and Westwood. Thomson, T.N.Z.I. xiv. 230.*chiltoni*, Beddard. Challenger Reports, xvii. 143.**Cruregens**, Chilton, 1882.*fontanus*, Chilton. T. Linn. Soc. Zool. vi. 211.

## Family CYMOTHOIDÆ.

**Meinertia**, Stebbing, 1893.*imbricata*, Fabricius. Stebbing, South African Crust. 58; *Ceratothoa imbricata*.*lineata*, = *Ceratothoa lineata*, Miers. Cat. N.Z. Crust. 105.*huttoni*, = *Ceratothoa huttoni*, Filhol. Miss. de l'Ile Campbell, 447.*novæ-zealandiæ*, = *Ceratothoa novæ-zealandiæ*, Filhol, Miss. de l'Ile Campbell, 449.**Æga**, Leach, 1815.*novæ-zealandiæ*, Dana. T.N.Z.I. xviii. 153.*maorum*, Filhol. Miss. de l'Ile Campbell, 452.**Pseudæga**, G. M. Thomson, 1882.*punctata*, Thomson. T.N.Z.I. xvi. 234.**Livoneca**, Leach, 1818.*novæ-zealandiæ*, Miers. Cat. N.Z. Crust. 106.*stewarti*, Filhol. Miss. de l'Ile Campbell, 450.

**Nerocila**, Leach, 1818.

*macleayii*, Leach. Chilton, T.N.Z.I. xxiii. 68.  
    *traillii*, Filhol. Miss. de l'Ile Campbell, 45<sup>1</sup>.

**Cirolana**, Leach, 1818.

*rossii*, Miers. Cat. N.Z. Crust. 109.  
    *cookii*, Filhol. Miss. de l'Ile Campbell, 454.  
    *hirtipes*, A. Milne-Edwards. Filhol, Miss. de l'Ile Campbell, 455.

Family SEROLIDÆ.

**Serolis**, Leach, 1818.

*paradoxa*, Fabricius. Beddard, Challenger Reports, xi. 23.  
    *scythei*, Lütken. Beddard, Challenger Reports, xi. 40.  
    *bromleyana*, Willemoës-Suhm. Beddard. Challenger Reports, xi. 53.  
    *latifrons*, White. Beddard, Challenger Reports, xi. 44.

Family SPHÆROMIDÆ.

**Sphæroma**, Latreille, 1802.

*verrucunda*, White. Miers, Cat. N.Z. Crust. 111.  
    *obtusa*, Dana. Miers, Cat. N.Z. Crust. 112.

**Exosphæroma**, Stebbing, 1900.

*gigas*, Leach. Stebbing, P.Z.S. 1900, 558; *Sphæroma gigas*, Miers, Cat. N.Z. Crust. 110.

**Cymodocella**, Pfeffer, 1887.

*egregia*, = *Sphæroma*? *egregia*, Chilton, T.N.Z.I. xxiv. 269.

**Isocladius**, Miers, 1876.

*armatus*, A. Milne-Edwards. Miers, Cat. N.Z. Crust. 112.  
    *spiniger*, Dana. Miers, Cat. N.Z. Crust. 113.

**Cymodoce**, Leach, 1814.

*granulata*, Miers. Cat. N.Z. Crust. 114.  
    *convexa*, Miers. Cat. N.Z. Crust. 114.  
    *cordiforaminialis*, Chilton. T.N.Z.I. xiv. 188.  
    *bituberculata*, Filhol. Miss. de l'Ile Campbell, 457.  
    *huttoni*, G. M. Thomson. *Dynamene huttoni*, G. M. Thomson, T.N.Z.I. xi. 234.

**Scutuloidea**, Chilton, 1882.

*maculata*, Chilton. T.N.Z.I. xv. 70.

**Cassidina**, A. Milne-Edwards, 1840.

*neo-zelanica*, G. M. Thomson. T.N.Z.I. xxi. 264; Stebbing, P.Z.S. 1900, 562.

**Amphoroidea**, A. Milne-Edwards, 1840.

*falcifer*, G. M. Thomson. T.N.Z.I. xi. 233.

**Plakarthrium**, Chilton, 1882.

*typicum*, Chilton. T.N.Z.I. xv. 74.

## Family LIMNORIIDÆ.

**Limnoria**, Leach, 1814.**segnis**, Chilton. T.N.Z.I. xv. 76.

## Tribe VALVIFERA.

## Family ARCTURIDÆ.

**Astacilla**, Cordiner, 1795.**tuberculatus**, G. M. Thomson. *Arcturus tuberculatus*, G. M. Thomson, T.N.Z.I. xiii. 206.**Arcturus**, Latreille, 1804.**myops**, Beddard. Challenger Reports, xvii. 100.

## Family IDOTEIDÆ.

**Idotea**, Fabricius, 1798.**marina**, Linnaeus. Chilton, T.N.Z.I. xxii. 191.**festiva**, Chilton. T.N.Z.I. xxii. 192.**metallica**, Bosc. Chilton, T.N.Z.I. xxii. 193.**lacustris**, G. M. Thomson. Chilton, T.N.Z.I. xxiv. 263.**elongata**, Miers. Chilton, T.N.Z.I. xxii. 198.**peronii**, Milne-Edwards. Chilton, T.N.Z.I. xxii. 199.**stewarti**, Filhol. Miss. de l'Ile Campbell, 492.**Paridotea**, Stebbing, 1900.**ungulata**, Pallas. Stebbing, South African Crust. 53; *Idotea unguiculata*, Chilton, T.N.Z.I. xxii. 196.**Cleantis**, Dana, 1849.**tubicola**, G. M. Thomson. Chilton, T.N.Z.I. xxiv. 265.

## Tribe ASELLOTA.

## Family ASELLIDÆ.

**Iais**, Bovallius, 1886.**pubescens**, Dana. Chilton, T.N.Z.I. xxiv. 266; Stebbing, P.Z.S. 1900, 549.**Iathrippa**, Bovallius, 1886.**longicauda**, Chilton. *Janira longicauda*, Chilton, T.N.Z.I. xvi. 250, and xviii. 157.**Stenetrium**, Haswell, 1881.**fractum**, Chilton. T.N.Z.I. xvi. 251, and xviii. 157.**Jæropsis**, Koehler, 1885.**neo-zelanica**, Chilton. T.N.Z.I. xxiv. 267.**Munna**, Kröyer, 1839.**neo-zelanica**, Chilton. A.M.N.H. 6, ix. 1.**Acanthomunna**, Beddard, 1886.**proteus**, Beddard. Challenger Reports, xvii. 47.

## Family MUNNOPSISIDÆ.

**Munnopsis**, M. Sars, 1861.    *gracilis*, Beddard. Challenger Reports, xvii. 51.**Eurycope**, Sars, 1864.    *novæ-zealandiæ*, Beddard. Challenger Reports, xvii. 61.

## Tribe PHREATOICIDEA.

## Family PHREATOICIDÆ.

**Phreatoicus**, Chilton, 1882.    *typicus*, Chilton. T. Linn. Soc. Zool. vi. 196.    *assimilis*, Chilton. T. Linn. Soc. Zool. vi. 186.

## Tribe ONISCOIDEA.

## Family LIGHIDÆ.

**Ligia**, Fabricius, 1798.    *novæ-zealandiæ*, Dana. Chilton, T. Linn. Soc. Zool. viii. 107.

## Family TRICHONISCIDÆ.

**Trichoniscus**, Brandt, 1833.    *phormianus*, Chilton. T. Linn. Soc. Zool. viii. 115.    *otakensis*, Chilton. T. Linn. Soc. Zool. viii. 117.    *thomsoni*, Chilton. T. Linn. Soc. Zool. viii. 118.**Haplophthalmus**, Schöbl, 1860.    *helmsii*, Chilton. T. Linn. Soc. Zool. viii. 119.

## Family TYLIDÆ.

**Tylos**, Latreille, 1829.    *neo-zelanicus*, Chilton. T. Linn. Soc. Zool. viii. 120.

## Family SCYPHACIDÆ.

**Scyphax**, Dana, 1853.    *ornatus*, Dana. Chilton, T. Linn. Soc. Zool. viii. 123.    *aucklandiæ*, G. M. Thomson. Chilton, T. Linn. Soc. Zool. viii. 126.**Scyphoniscus**, Chilton, 1901.    *waitatensis*, Chilton. T. Linn. Soc. Zool. viii. 128.**Actæcia**, Dana, 1853.    *euchroa*, Dana. Chilton, T. Linn. Soc. Zool. viii. 130.    *opihensis*, Chilton. T. Linn. Soc. Zool. viii. 132.

## Family ONISCIDÆ.

**Oniscus**, Linnaeus, 1767.    *punctatus*, G. M. Thomson. Chilton, T. Linn. Soc. Zool. viii. 133.    *kenepurensis*, Chilton. T. Linn. Soc. Zool. viii. 135.    *cookii*, Filhol. Chilton, T. Linn. Soc. Zool. viii. 136.

**Philoscia**, Latreille, 1804.

*pubescens*, Dana. Chilton, T. Linn. Soc. Zool. viii. 136.  
*novæ-zealandiæ*, Filhol. Chilton, T. Linn. Soc. Zool. viii. 138.

**Metoponorthus**, Buddle-Lund, 1879.

*pruinosus*, Brandt. Chilton, T. Linn. Soc. Zool. viii. 141.

#### Family ARMADILLIDÆ.

**Armadillo**, Latreille, 1804.

*ambitiosus*, Buddle-Lund. Chilton, T. Linn. Soc. Zool. viii. 144.  
*danæ*, Heller. Chilton, T. Linn. Soc. Zool. viii. 144.  
*speciosus*, Dana. Chilton, T. Linn. Soc. Zool. viii. 146.  
*rugulosus*, Miers. Chilton, T. Linn. Soc. Zool. viii. 147.  
*monolinus*, Dana. Chilton, T. Linn. Soc. Zool. viii. 147.  
*hamiltoni*, Chilton. T. Linn. Soc. Zool. viii. 148.  
*macmahoni*, Chilton. T. Linn. Soc. Zool. viii. 149.  
*spinosis*, Dana. Chilton, T. Linn. Soc. Zool. viii. 150.

#### Order PHYLLOCARIDA.

**Nebalia**, Leach, 1815.

*longicornis*, Thomson. T.N.Z.I. xiii. 221; Sayce, Victorian Naturalist, xviii. 151.

#### Sub-class ENTOMOSTRACA.

##### Order BRANCHIOPODA.

##### Sub-order CLADOCERA.

##### Family DAPHNIDÆ.

**Daphnia**, Müller, 1785.

*thomsoni*, G. O. Sars. Fresh-water Entom. of N.Z., Vidensk.-Selsk. Skr. 1894-5 = *D. similis*, Thomson, T.N.Z.I. xvi. 240.

**Simocephalus**, Schödeler.

*obtusatus*, Thomson. Sars, Fresh-water Entom. of N.Z. 10; *Daphnia obtusata*, T.N.Z.I. xi. 261.

**Ceriodaphnia**, Dana, 1847.

*sublævis*, Sars. Fresh-water Entom. of N.Z. 14.

#### Family LYNCEIDÆ.

**Chydorus**, Leach, 1819.

*minutus*, Thomson. T.N.Z.I. xi. 262.

**Alona**, Baird, 1843.

*eucostata*, Sars. Fresh-water Entom. of N.Z. 17.

*macrocopa*, Sars. Fresh-water Entom. of N.Z. 20.

## Family PODONTIDÆ.

**Podon**, Liljeborg, 1853.**polyphemoides**, Leuckart. T.N.Z.I. xxvii. 221.  
**trisetosus**, Krämer. T.N.Z.I. xxvii. 222.**Evadne**, Lovén, 1835.**aspinosa**, Krämer. T.N.Z.I. xxvii. 222.

## Family SIDIDÆ.

**Penilia**, Dana, 1847.**pacifica**, Krämer. T.N.Z.I. xxvii. 222.

## Order PHYLLOPODA.

## Family APODIDÆ.

**Lepidurus**, Leach, 1816.**viridis**, Baird. Sayce, P.R.S. Vict. xv. n.s. 242 = *L. angasii*.  
Sars, Description of some Australian Phyllopoda, Archiv f. Math. og Natur. xvii. No. 2, 4, = *L. kirkii*, Thomson, T.N.Z.I. xi. 260, = *compressus*, Thomson. T.N.Z.I. xi. 260.

## Order OSTRACODA.

## Section PODOCOPA.

## Family CYPRIDIDÆ.

**Cypris**, Müller, 1785.**novæ-zealandiæ**, Baird. Dieffenbach, New Zealand, ii. 268.**littoralis**, Thomson. T.N.Z.I. xi. 253.**bennelong**, King. Sars, Fresh-water Entom. of N.Z., Vidensk.-Selsk. Skr. 1894, No. 5, 24.**sydneia**, King. Sars, Fresh-water Entom. of N.Z. 27, = *C. ciliata*, Thomson, T.N.Z.I. xi. 253.**Cypridopsis**, Brady, 1868.**turgida**, G. O. Sars. On Fresh-water Entom. from neighbourhood of Sydney, 62, = *C. minna*, King. Sars, Fresh-water Entom. of N.Z. 30.**viridis**, Thomson = *Cypris viridis*, Thomson, T.N.Z.I. xi. 253; Sars, Fresh-water Entom. of N.Z. 32.**Candonocypris**, G. O. Sars, 1894.**candonoides**, King. Sars, Fresh-water Entom. of N.Z. 35.**assimilis**, Sars. Fresh-water Entom. of N.Z. 36.**Ilyodromus**, G. G. Sars, 1894.**stanleyanus**, King. Sars, Fresh-water Entom. of N.Z. 39.**varrovillius**, King. Sars, Fresh-water Entom. of N.Z. 41.**smaragdinus**, Sars. Fresh-water Entom. of N.Z. 43.**substriatus**, Sars. Fresh-water Entom. of N.Z. 45.**obtusus**, Sars. Fresh-water Entom. of N.Z. 46.

**Paracypris**, G. O. Sars, 1865.  
*polita*, Sars. Challenger Reports, i. 32.

**Phlyctenophora**, G. S. Brady, 1880.  
*zealandica*, Brady. Challenger Reports, i. 33.

**Cyprinotus**, G. S. Brady, 1885.  
*flavescens*, Brady. T.Z.S. xiv. 440.

**Aglaia**, G. S. Brady, 1867.  
*clavata*, Brady. Challenger Reports, i. 34.

**Macrocypris**, G. S. Brady, 1868.  
*tumida*, Brady. Challenger Reports, i. 43.

**Bairdia**, M'Coy, 1844.  
*? ovata*, Bosquet. Challenger Reports, i. 53.

Family CYTHERIDÆ.

**Cythere**, Müller, 1785.  
*atra*, Thomson. T.N.Z.I. xi. 254.  
*murrayana*, Brady. Challenger Reports, i. 69.  
*rastromarginata*, Brady. Challenger Reports, i. 83.  
*arata*, Brady. Challenger Reports, i. 101.  
*dasyderma*, Brady. Challenger Reports, i. 105.  
*scutigera*, Brady. Challenger Reports, i. 109.  
*brunnea*, Brady. T.Z.S. xiv. 442.  
*innominata*, Brady. T.Z.S. xiv. 443 = *C. truncata*,  
 Thomson, T.N.Z.I. xi. 254.  
*truncula*, Brady. T.Z.S. xiv. 444.

**Krithe**, Brady, Crosskey, and Robertson, 1874.  
*producta*, Brady. Challenger Reports, i. 114.

**Loxoconcha**, G. O. Sars, 1865.  
*punctata*, Thomson. T.N.Z.I. xi. 255.

**Xestoleberis**, G. O. Sars, 1865.  
*luxata*, Brady. T.Z.S. xiv. 441.  
*olivacea*, Brady. T.Z.S. xiv. 442.  
*compressa*, Brady. T.Z.S. xiv. 442.

**Cytheropteron**, G. O. Sars, 1865.  
*wellingtoniense*, Brady. Challenger Reports, i. 136.

**Trachyleberis**, G. S. Brady, 1898.  
*scabrocuneata*, Brady. Challenger Reports, i. 103;  
 T.Z.S. xiv. 444.

**Cytherideis**, Jones, 1856.  
*novæ-zealandiæ*, Brady. T.Z.S. xiv. 446.

**Sclerochilus**, G. O. Sars, 1865.  
*contortus*, Norman. Challenger Reports, i. 147.

## Section MYODOCOPA.

## Family CYPRIDINIDÆ.

**Crossophorus**, G. S. Brady, 1880.  
*imperator*, Brady. Challenger Reports, i. 158.

**Philomedes**, Liljeborg, 1853.  
*agilis*, Thomson. T.N.Z.I. xi. 257.  
*sculpta*, Brady. T.Z.S. xiv. 434.  
*flexilis*, Brady. T.Z.S. xiv. 435.

**Asterope**, Philippi, 1840.  
*australis*, Brady. T.Z.S. xiv. 431.  
*quadrata*, Brady. T.Z.S. xiv. 432.  
*grisea*, Brady. T.Z.S. xiv. 432.

**Cyclasterope**, G. S. Brady, 1897.  
*ovulum*, Brady. T.Z.S. xiv. 432.  
*tenera*, Brady. T.Z.S. xiv. 433.  
*zealandica*, Baird. T.Z.S. xiv. 433 = *Cypridina zealanica*,  
 Baird. P.Z.S. 1850, 255.

## Family SARSIELLIDÆ

**Sarsiella**, Norman, 1869.  
*hanseni*, Brady. T.Z.S. xiv. 438.  
*hispida*, Brady. T.Z.S. xiv. 439.

Section PLATYCOPA.  
 Family CYTHERELLIDÆ.

**Cytherella**, Jones, 1849.  
*politæ*, Brady. Challenger Reports, i. 172.  
*pulchra*, Brady. Challenger Reports, i. 174.  
*punctata*, Brady. Challenger Reports, i. 174.  
*eburnea*, Brady. T.Z.S. xiv. 447.

Order COPEPODA.  
 Section GNATHOSTOMA.  
 Family CALANIDÆ.

**Calanus**, Leach, 1816.  
*finmarchicus*, Günner. T.Z.S. xv. 32.

**Paracalanus**, Boeck, 1864.  
*parvus*, Claus. T.N.Z.I. xxvii. 217; T.Z.S. xv. 32.

**Clausocalanus**, Giesbrecht, 1888.  
*arcuicornis*, Dana. T.N.Z.I. xxvii. 217; T.Z.S. xv. 32.  
*furcatus*, Brady. T.Z.S. xv. 32.

**Euchæta**, Philippi, 1843.  
*marina*, Prestandrea. Pelagischen Copepoden des Golfs  
 von Neapel, 245 = *E. prestandreae*, Philippi.

## Family CENTROPAGIRÆ.

**Centropages**, Kröyer, 1849.  
*typicus*, Kröyer, var. *aucklandicus*, Krämer. T.N.Z.I. xxvii. 217.

*discaudatus*, Brady. T.Z.S. xv. 35.  
*pectinatus*, Brady. T.Z.S. xv. 36.

**Deguernea**, Thomson, 1902 = *Guernea*, Thomson, 1895.  
*antarctica*, Thomson. T.N.Z.I. xxvii. 213.

**Temora**, Baird, 1850.

*turbinata*, Dana. T.N.Z.I. xxvii. 218.  
*tenuicauda*, Brady. T.Z.S. xv. 34.  
? *stylifera*, Dana = *T. dubia*, Lubbock.

**Leuckartia**, Claus, 1863.

n. sp. Krämer. T.N.Z.I. xxvii. 218.

**Boeckella**, Guerne and Richard = *Boeckia*, Thomson.  
*triarticulata*, Thomson. T.N.Z.I. xv. 94.

## Family CANDACIDÆ.

**Candace**, Dana, 1846.

*pectinata*, Brady.  
*pachydactyla*, Dana. U.S. Expl. Exp. Crust. 1113.

## Family PONTELLIDÆ.

**Labidocera**, Lubbock, 1853.

*cervi*, Krämer. T.N.Z.I. xxvii. 218; T.Z.S. xv. 37.  
*simplex*, Dana = *Pontellina simplex*, Dana. U.S. Expl. Exp. Crust. 1145.

**Acartia**, Dana, 1846.

*clausii*, Giesbrecht. T.N.Z.I. xxvii. 219.  
*ensifera*, Brady. T.Z.S. xv. 33.

## Family CYCLOPIDÆ.

**Oithona**, Baird, 1843.

*nana*, Giesbrecht. T.N.Z.I. xxvii. 219.  
*spinifrons*, Boeck. T.Z.S. xv. 38.

**Thorellia**, Boeck, 1864.

*brunnea*, Boeck, var. *antarctica*, Thomson. T.N.Z.I. xv. 95.

**Cyclops**, Müller, 1776.

*gigas*, Claus. T.N.Z.I. xv. 96.  
*novæ-zealandiæ*, Thomson. T.N.Z.I. xi. 258.  
*serrulatus*, Fischer. T.N.Z.I. xv. 96.  
*chiltoni*, Thomson. T.N.Z.I. xv. 97.  
*æquoreus*, Fischer. T.N.Z.I. xv. 97.  
*ewarti*, Brady. T.Z.S. xv. 38.

## Family HARPACTICIDÆ.

**Ectinosoma**, Boeck, 1864.  
*australe*, Brady. T.Z.S. xv. 39.

**Euterpe**, Claus, 1863.  
*gracilis*, Claus. T.Z.S. xv. 39.  
*acutifrons*, Dana. T.N.Z.I. xxvii. 219.

**Amymome**, Claus, 1863.  
*clausii*, Thomson. T.N.Z.I. xv. 98; T.Z.S. xv. 40.

**Laophonte**, Philippi, 1840.  
*australasica*, Thomson. T.N.Z.I. xv. 101.  
*serrata*, Claus. T.Z.S. xv. 40.  
*meinerti*, Brady. T.Z.S. xv. 40.

**Diarthrodes**, Thomson, 1882.  
*novæ-zealandiæ*, Thomson. T.N.Z.I. xv. 99.

**Merope**, Thomson, 1882.  
*hamata*, Thomson. T.N.Z.I. xv. 100.

**Dactylopus**, Claus, 1863.  
*tisboides*, Claus. T.N.Z.I. xv. 102; T.Z.S. xv. 41.  
*hanseni*, Brady. T.Z.S. xv. 41.

**Xouthous**, Thomson, 1882.  
*novæ-zealandiæ*, Thomson. T.N.Z.I. xv. 103.

**Flavia**, Brady, 1899.  
*crassicornis*, Brady. T.Z.S. xv. 42.

**Phroso**, Brady, 1899.  
*gracilis*, Brady. T.Z.S. xv. 42.

**Thalestris**, Claus, 1863.  
*forficula*, Claus. T.N.Z.I. xv. 104; T.Z.S. xv. 43.  
*ciliata*, Brady. T.Z.S. xv. 43.  
*australis*, Brady. T.Z.S. xv. 43.

**Harpacticus**, Milne-Edwards, 1838.  
*chelifer*, Müller. T.N.Z.I. xv. 105.  
*glaber*, Brady. T.Z.S. xv. 44.

**Zaus**, Goodsir, 1845.  
*contractus*, Thomson. T.N.Z.I. xv. 106; xxvii. 213.

**Peltidium**, Philippi, 1839.  
*novæ-zealandiæ*, Brady. T.Z.S. xv. 44.

**Porcellidium**, Claus, 1860.  
*fulvum*, Thomson. T.N.Z.I. xv. 107; T.Z.S. xv. 46.  
*interruptum*, Thomson. T.N.Z.I. xv. 108.

**Scutellidium**, Claus, 1866.  
**tisboides**, Claus. T.N.Z.I. xv. 110.  
**plumosum**, Brady. T.Z.S. xv. 45.

**Idya**, Philippi, 1843.  
**furcata**, Baird. T.N.Z.I. xv. 108; T.Z.S. xv. 45.

**Setella**, Dana, 1846.  
**gracilis**, Dana = *Miracia gracilis*, Dana.

#### Section PŒCILOSTOMA.

##### Family CORYCÆIDÆ.

**Oncæa**, Philippi, 1843.  
**mediterranea**, Claus. Pelagischen Copepoden des Goltes von Neapel, 591 = *O. obtusa*, Dana.

**Oncæola**, Krämer, 1895.  
**specialis**, Krämer. T.N.Z.I. xxvii. 220.

**Corycæus**, Dana, 1845.  
**tenuis**, Giesbrecht. T.N.Z.I. xxvii. 220.  
**aucklandicus**, Krämer. T.N.Z.I. xxvii. 220.  
**robusta**, Dana (?). T.Z.S. xv. 46.

**Paurocope**, Brady, 1899.  
**robusta**, Brady. T.Z.S. xv. 46.

? **Centromma**, Brady, 1899.  
**thomsoni**, Brady. T.Z.S. xv. 47.

##### Family SAPPHIRINIDÆ.

**Sapphirina**, Thomson, 1829.  
**gemma**, Dana.

#### Section SIPHONOSTOMA.

##### Family ENTOMOLEPIDÆ.

**Entomolepis**, Brady, 1899.  
**ovalis**, Brady. T.Z.S. xv. 48.

##### Family ARTOTROGIDÆ.

**Conostoma**, Thomson, 1882.  
**elliptica**, Thomson. T.N.Z.I. xv. 112.

**Artotrogus**, Boeck, 1859.  
**boeckii**, Brady. T.N.Z.I. xv. 113.  
**ovatus**, Thomson. T.N.Z.I. xv. 113; T.Z.S. xv. 48.  
**brevicaudatus**, Brady. T.Z.S. xv. 48.

**Acontiophorus**, Brady, 1880.  
**scutatus**, Brady and Robertson. T.N.Z.I. xv. 114.

## Family CALIGIDÆ.

**Lepeophtheirus**, Nordmann, 1832.  
*erecsoni*, G. M. Thomson. T.N.Z.I. xxiii. 227.

**Gloioptotes**, Steenstrup and Lütken, 1860.  
*huttoni*, G. M. Thomson (*Lepeophtheirus*). T.N.Z.I. xxii. 354; P. W. Bassett-Smith, P.Z.S. 1899, 458.

**Caligus**, Müller, 1785.  
*productus*, Dana. U.S. Expl. Exped. Crust. 1354; Bassett-Smith, P.Z.S. 1899, 452.  
*longicaudatus*, Brady. T.Z.S. xv. 49.

**Dinematura**, Burmeister, 1837.  
*ferox*, Kröyer. P. W. Bassett-Smith, P.Z.S. 1899, 463; = *D. carcharodonti*, G. M. Thomson, T.N.Z.I. xxii. 360.  
*hamiltoni*, G. M. Thomson. T.N.Z.I. xxii. 357.

**Echthrogaleus**, Steenstrup and Lütken, 1860.  
*neo-zealanica*, G. M. Thomson (*Dinematura*). T.N.Z.I. xxii. 359.  
*affinis*, Milne-Edwards. P.Z.S. 1899, 464; = *E. braccatus*, T.N.Z.I. xxii. 361.

**Cecrops**, Leach, 1813.  
*latreillii*, Leach. T.N.Z.I. xxii. 465.

**Gangliopus**, Gerstaecker, 1854.  
?*pyriformis*, Gerstaecker. P.Z.S. 1899, 465; = *Nogagus curticaudatus* = *Specilligus curticaudis*, T.N.Z.I. xxii. 365.

**Pandarus**, Leach, 1816.  
*dentatus*, Milne-Edwards (♂ = *Nogagus elongatus*, Heller), T.N.Z.I. xxii. 356 and 363.  
*armatus*, Heller (♂ = *Nogagus latreillii*, Milne-Edwards). T.N.Z.I. xxii. 363 and 364.  
*affinis*, V. Bened. = *P. satyrus*, Dana = *P. brevicaudatus* (? *brevicaudis*), Dana. T.N.Z.I. xxii. 365.

**Nogagus**, Leach, 1819.  
*validus*, Dana. T.N.Z.I. xxii. 356.

## Family DICHELESTIIDÆ.

**Anthosoma**, Leach, 1819.  
*crassum*, Abgd. T.N.Z.I. xxii. 365.

**Lernanthropus**, Blainville, 1832.  
*percis*, G. M. Thomson. T.N.Z.I. xxii. 366.

## Family PHILICHTHYIDÆ.

**Philichthys**, Steenstrup, 1861.  
*xiphiae*, Steenstrup. T.N.Z.I. xxii. 367.

## Family LERNÆIDÆ.

**Penella**, Edwards, 1840.*histiophori*, G. M. Thomson. T.N.Z.I. xxii. 368.**Lernæa**, Linnæus, 1746.*lotellæ*, G. M. Thomson. T.N.Z.I. xxii. 369.

## Family CHONDRACANTHIDÆ.

**Sphyriion**, Cuvier, 1829.*lævigatum*, Cuvier = *Lesteira kröyeri*, Thomson. P.Z.S. 1899, 489; T.N.Z.I. xxii. 370.**Chondracanthus**, De la Roche, 1811.*lotellæ*, G. M. Thomson. T.N.Z.I. xxii. 372.*chylomycteri*, G. M. Thomson. T.N.Z.I. xxii. 371.*genypteri*, G. M. Thomson. T.N.Z.I. xxii. 372.

## Family LERNÆOPODIDÆ.

**Lernæopoda**, Nordman, 1832.*galei*, Kröyer = *L. musteli*, Thomson. P.Z.S. 1899, 499; T.N.Z.I. xxii. 373.**Brachiella**, Latreille, 1829.*parkeri*, G. M. Thomson. T.N.Z.I. xxii. 374.

## Order CIRRIPEDIA.

## Family LEPADIDÆ.

**Alepas**, Rang, 1829.*tubulosa*, Quoy and Gaimard. Filhol, Miss. de l'Ile Campbell, 486.**Lepas**, Linnæus, 1748.*hilli*, Leach. Filhol, Miss. de l'Ile Campbell, 485.*pectinata*, Spengler. Hutton, T.N.Z.I. xi. 329.*australis*, Darwin. Filhol, Miss. de l'Ile Campbell, 485.*elongata*, Quoy and Gaimard. Filhol, Miss. de l'Ile Campbell, 485.**Pollicipes**, Leach, 1817.*sertus*, Darwin. Filhol, Miss. de l'Ile Campbell, 486.*spinulosus*, Quoy and Gaimard. Filhol, Miss. de l'Ile Campbell, 486.*darwinii*, Hutton. T.N.Z.I. xi. 329; Miss. de l'Ile Campbell, 486.

## Family BALANIDÆ.

**Coronula**, Oken, 1815.*diadema*, Lamarck. Filhol, Miss. de l'Ile Campbell, 489.**Tubicinella**, Lamarck, 1802.*trachealis*, Shaw. Hutton, T.N.Z.I. xi. 330.

**Elminius**, King, 1830.

**modestus**, Darwin. Filhol, Miss. de l'Ile Campbell, 489.  
**sinuatus**, Hutton. Filhol, Miss. de l'Ile Campbell, 489.  
**plicatus**, Gaimard. Filhol, Miss. de l'Ile Campbell, 489.  
**rugosus**, Hutton. Filhol, Miss. de l'Ile Campbell, 489.

**Tetraclita**, Schuhmacher, 1817.

**purpureescens**, Wood. Miss. de l'Ile Campbell, 488.

**Balanus**, Lister, 1685.

**decorus**, Darwin. Filhol, Miss. de l'Ile Campbell, 486.  
**porcatus**, Da Costa. Filhol, Miss. de l'Ile Campbell, 487.  
**vestitus**, Darwin. Filhol, Miss. de l'Ile Campbell, 487.  
**campbelli**, Filhol. Miss. de l'Ile Campbell, 487.  
**amphitrite**, Darwin. Filhol, Miss. de l'Ile Campbell, 486.

**Chamæsipho**, Darwin, 1854.

**columna**, Spengler. Filhol, Miss. de l'Ile Campbell, 489.

# PHYLUM, ANNULATA.

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## CLASS, POLYCHÆTA.

[For additional identifications of this Class, see Appendix.]

### Order NEREIDIFORMIA.

#### Family SYLLIDÆ.

**Syllis**, Savigny, Emend. Ehlers, 1864.

**macrura**, Schmarda. N.W.Th. (2), 70 (*Sphaerosyllis*, Quatrefages, *nec* Claparède); Hutton, T.N.Z.I. xi. 323.

#### Family HESIONIDÆ.

**Pseudosyllis**, Quatrefages, 1865.

**incerta**, Schmarda (*Cirrosyllis i.*). N.W.Th. (2), 79; Quatrefages, Hist. Nat. Annel. ii. 106.

#### Family APHRODITIDÆ.

##### Sub-family POLYNOINA.

'**Polynoe**', Savigny, 1809.

**aucklandica**, Schmarda. N.W.Th. (2), 158; Hutton, T.N.Z.I. xi. 318.

\***comma**, Thomson. T.N.Z.I. xxxiv. 241.

**Lepidonotus**, Leach, 1819.

**polychroma**, Schmarda. N.W.Th. (2), 153; Hutton, T.N.Z.I. xi. 319.

**sinclairii**, Baird. J.L.Soc. (Zool.) viii. 184; Hutton, T.N.Z.I. xi. 319. [Probably identical with preceding.]

**giganteus**, Kirk. T.N.Z.I. xi. 400; Thomson, P.Z.S. 1900, 974 = *Aphrodisa squamosa*, Quatrefages.

**mirabilis**, McIntosh (*Macellicephala m.*) Challenger Reports, xii. 121.

**Harmothoe**, Kinberg, 1855.

**macrolepidota**, Schmarda (*Polynoe m.*). N.W.Th. (2), 155; Hutton, T.N.Z.I. xi. 318.

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\* This species does not fit into any of the present genera of Polynoidæ, though in some respects it resembles *Halosydna*, Kbg. '55.

**Harmothoe iphionoides**, McIntosh (*Eunoa i.*). Challenger Reports, xii. 69.  
**kermadecensis**, McIntosh (*Lagisca? k.*) Challenger Reports, xii. 93.  
**magnipalpa**, McIntosh (*Polyneoe m.*). Challenger Reports, xii. 118.  
 Sp. nov. innom. Benham MS.

## Sub-family HERMIONINA.

**Aphrodita**, Linnaeus.  
**talpa**, Quatrefages. Hist. Nat. Annel. i. 196; Hutton, T.N.Z.I. xi. 318.  
 Sp. nov. innom. Benham MS.

**Lætmonice**, Kinberg, 1855.  
**producta**, Grube.  
*var. willemoesi*, McIntosh. Challenger Reports, xii. 47.

## Sub-family SIGALIONINA.

**Leanira**, Kinberg, 1855.  
**lævis**, McIntosh. Challenger Reports, xii. 156.

**Sthenelais**, Kinberg, 1855.  
**semitecta**, Ehlers MS.

## Sub-family POLYLEPIDIA.

**Psammolyce**, Kinberg, 1855.  
**antipoda**, Schmarda (*Pelogenia a.*). N.W.Th. (2), 160; Hutton, T.N.Z.I. xi. 319.

## Family PHYLLODOCIDÆ.

**Phyllodoce**, Savigny, 1809.  
<sub>sub-gen.</sub> **Anaitis**, Malmgren, 1865.  
**ochracea**, Ehlers MS.

**Eulalia**, Savigny, 1809.  
<sub>sub-gen.</sub> **Eulalia**.  
**microphylla**, Schmarda. N. W. Th. (2), 86; Hutton, T.N.Z.I. xi. 323, = *E. cæta*, Quatrefages.  
**novæ-zealandiæ**, Grube. J. B. Schles. Gesellsch. lvii. 210.  
 Sp. nov. innom. Benham MS.  
<sub>sub-gen.</sub> **Eumida**, Malmgren, 1865.  
 Sp. nov. innom. Benham MS.  
<sub>sub-gen.</sub> **Pterocirrus**, Claparède.  
 Sp. nov. innom. Benham MS.

## Family LYCORIDÆ.

**Nereis**, Lamarck, 1818.  
**pacifica**, Schmarda (*Nereilepas p.*). N.W.Th. (2), 107; Hutton, T.N.Z.I. xi. 321. (Not *N. pacifica*, Quatrefages.)

**Nereis neozelanica**, Benham = *N. robusta*, Quatrefages. Hist. Nat. Annel. i. 544; Hutton, T.N.Z.I. xi. 321.  
**vallata**, Grube = *N. latipalpa*, Schmarda. Ehlers, Polych. Magellan. Chil. Str. 110.  
**maghaelensis**, Kinberg = *N. eatoni*, McIntosh. Ehlers, Polych. Magellan. Chil. Str. 104.  
**australis**, Schmarda (*Heteronereis a.*) N.W.Th. (2), 101; Hutton, T.N.Z.I. xi. 322.  
 3 spp. nov. innom. Benham MS.

#### Family NEPHTHYDIDÆ.

**Nephthys**, Cuvier, 1817.  
**macroura**, Schmarda. N.W.Th. (2), 91; Hutton, T.N.Z.I. xi. 321.  
**dibranchis**, Grube. McIntosh, Challenger Reports, xii. 161.  
**verrilli**, McIntosh. Challenger Reports, xii. 163. [? = *dibranchis*, Qr.—W. B. B.]  
 Sp. nov. innom. Benham MS.

#### Family AMPHINOMIDÆ.

**Chlœia**, Savigny, 1809.  
**inermis**, Quatrefages. Hist. Nat. Annel. i. 389; Hutton, T.N.Z.I. xi. 320.  
**spectabilis**, Baird. J.L.S. x. 234; Hutton, T.N.Z.I. xi. 320.

#### Family EUNICIDÆ.

**Eunice**, Cuvier, 1817.  
**gaimardi**, Valenciennes MS. Quatrefages, Hist. Nat. Annel. i. 321; Hutton, T.N.Z.I. xi. 320.  
**australis**, Quatrefages. Hist. Nat. Annel. i. 321.  
**aphroditoides**, Pallas. Benham MS.  
**leuconuchalis**, Benham. N.Z. Gov. Rep. on Experim. Trawling. 1900, 21.  
 Sp. nov. innom. Benham MS.

**Diopatra**, Audouin and Edwards, 1833.  
**tenuisetis**, McIntosh (*Nothria t.*). Challenger Reports, xii. 307.  
 Sp. nov. innom. Benham MS.

**Onuphis**, Audouin and Edwards, 1833.  
**tubicola**, Müller.  
**var. longibranchiata**, McIntosh (*Hyalinæcia l.*). Challenger Reports, xii. 337.  
**benthaliana**, McIntosh (*Hyalinæcia b.*). Challenger Reports, xii. 329.  
**minuta**, McIntosh (*Nothria m.*). Challenger Reports, xii. 334.

**Nicidion**, Kinberg, 1864.

**balfouriana**, McIntosh. Challenger Reports, xii. 301.

**Marpphysa**, Quatrefages, 1865.

**corallina**, Kinberg. Benham MS. Ehlers, Polych. Magellan.

  Chil. Strand. 134 (Chatham isl.).

**depressa**, Schmarda (*Eunice d.*). N.W.Th. (2), 126.

**Halla**, Costa, 1844.

  2 spp. nov. innom. Benham MS.

**Lumbriconereis**, Blainville, 1828.

**sphærecephala**, Schmarda (*Notocirrus s.*). N.W.Th. (2),

  116; Hutton, T.N.Z.I. xi. 320.

**neozealaniæ**, McIntosh. Challenger Reports, xii. 248.

**Arabella**, Grube, 1851.

  Sp. nov. innom. Benham MS.

**Stauronereis**, Verrill, 1900.

  2 spp. nov. innom. Benham MS.

#### Family GLYGERIDÆ.

**Glycera**, Savigny, 1820.

**ovigera**, Schmarda. N.W.Th. (2), 95; Hutton, T.N.Z.I. xi. 322.

**lamelliformis**, McIntosh. Challenger Reports, xii. 347.

  5 spp. nov. innom. Benham MS.

**Hemipodus**, Quatrefages, 1865.

**simplex**, Grube. Ann. (Ersted. (*fide* Ehlers MS.)).

#### Family GONIADIDÆ.

**Eone**, Malmgren, 1865.

**trifida**, McIntosh. Challenger Reports, xii. 341.

#### Family ARICIIDÆ.

Gen. indet. Benham MS.

#### Order SPIONIFORMIA.

##### Family AMMOCHARIDÆ.

**Owenia**, Delle Chiaje, 1842.

**? fusiformis**, Delle Chiaje. Benham MS.

#### Family SPIONIDÆ.

Gen. indet. Benham MS.

#### Order TEREBELLIFORMIA.

##### Family CIRRATULIDÆ.

**Audouinia**, Quatrefages, 1865.

**anchylochætus**, Schmarda (*Cirratulus a.*). N.W.Th. (2), 58; Hutton, T.N.Z.I. xi. 323.

**Chætozone**, Malmgren, 1865.  
*pacifica*, McIntosh. Challenger Reports, xii. 387.  
**Timarete**, Kinberg, 1865.  
*fecunda*, Kinberg. Ann. nova. 254 (*fide* Ehlers MS.).

Family TEREBELLIDÆ.

**Thelepus**, Leuckart, 1849.  
*plagiostoma*, Schmarda (*Terebella p.*). N.W.Th. (2), 41 ;  
 Hutton, T.N.Z.I. xi. 324.  
*heterobranchia*, Schmarda (*Terebella h.*). N.W.Th. (2), 42. [Probably synonymous with preceding.—W. B. B.]

**Nicolea**, Malmgren, 1865.  
 Sp. nov. innom. Benham MS.

**Amphitrite**, Müller, 1771.  
 3 spp. nov. innom. Benham MS.

**Lanice**, Malmgren, 1865.  
 ? *conchilega*, Pallas. Benham MS.

**Leæna**, Malmgren, 1865.  
*neo-zealanica*, McIntosh. Challenger Reports, xii. 460.  
*langerhansi*, McIntosh. Challenger Reports, xii. 463.

**Lanassa**, Malmgren, 1865.  
*sarsi*, McIntosh. Challenger Reports, xii. 436.

**Terebella**, Linnaeus.  
*kermadecensis*, McIntosh. Challenger Reports, xii. 446.

**Terebellides**, Sars, 1835.  
 ? *stroemi*, Sars. McIntosh, Challenger Reports, xii. 481.

Family AMPHARETIDÆ.

**Melinna**, Malmgren, 1865.  
*armandi*, McIntosh. Challenger Reports, xii. 439.

Family AMPHICTENIDÆ.

**Pectinaria**, Lamarck, 1812.  
*antipoda*, Schmarda. M.W.T. (2), 46 (*fide* Ehlers MS.).

Order CAPITELLIFORMIA.

Family CAPITELLIDÆ.

Gen. indet. Benham MS.

Order SCOЛЕCIFORMIA.

Family OPHELIIDÆ.

**Thoracophelia**, Ehlers, 1897.  
 Sp. nov. innom. Benham M.S.

**Travisia**, Johnston, 1840.

Sp. nov. innom. Benham MS.

Family MALDANIDÆ.

**Maldane**, Grube, 1860.

Sp. nov. innom. Benham MS.

**Axiothea**, Malmgren, 1865.

*insecta*, Ehlers MS.

**Maldanella**, McIntosh, 1885.

*neo-zealaniæ*, McIntosh. Challenger Reports, xii. 398.

Family TELETHUSIDÆ.

**Arenicola**, Lamarck, 1818.

*assimilis*, Ehlers.

*var. affinis*, Ashworth. Q.J.M.Sc. xlvi. 737.

Family SCALIBREGMIDÆ.

**Scalibregma**, Rathke, 1843.

*inflatum*, Rathke. McIntosh, Challenger Reports, xii. 359.

**Eumenia**, Oersted, 1843.

*reticulata*, McIntosh. Challenger Reports, xii. 360.

Family CHLORÆMIDÆ.

**Flabelligera**, Sars, 1829.

*bicolor*, Schmarda (*Pherusa b.*). N.W.Th. (2), 21 : Hutton, T.N.Z.I. xi. 324.

*antarctica*, Baird (*Siphonostomum a.*). J.L.S. xi. 95; Hutton, T.N.Z.I. xi. 324.

**Stylarioides**, (D. Chiaje), Claparède, 1868.

? *parmatus*, Grube. Benham MS.

Family STERNASPIDIDÆ.

**Sternaspis**, Otto, 1821.

*princeps*, Selenka. Challenger Reports, xiii. 6.

Order SABELLIFORMIA.

Family SABELLIDÆ.

**Sabella**, Savigny, 1809.

*armata*, Quatrefages. Hist. Nat. Annel. ii. 453; Hutton, T.N.Z.I. xi. 325.

*grandis*, Baird. J.L.S. xiii. 160; Hutton, T.N.Z.I. xi. 325.

*ceratodaula*, Schmarda. N.W.Th. (2), 33; Hutton, T.N.Z.I. xi. 325.

**Branchiomma**, (Kölliker) Claparède, 1868.

*suspiciens*, Ehlers MS.

## \* Family SERPULIDÆ.

**Protula**, Risso, 1826.

Sp. nov. innom. Benham MS.

**Apomatus**, Philippi, 1844.

elizabethæ, McIntosh. Challenger Reports, xii. 514.

**Pomatoceros**, Philippi, 1844.strigiceps, Mörch. McIntosh, Challenger Reports, xii. 520.  
triqueter, Mörch.**Eupomatus**, Philippi, 1844.

boltoni, Baird. J.L.S. viii. 12; Hutton, T.N.Z.I. xi. 326.

**Serpula**, Linnæus.zealandica, Baird. J.L.S. viii. 21; Hutton, T.N.Z.I. xi. 325.  
antarctica, Quatrefages. Hist. Nat. Annel. ii. 503; Hutton,  
T.N.Z.I. xi. 325, suggests that it is synonymous with the  
preceding.\* **Vermilia**, Lamarck, 1818.cœrulea, Schmarda (*Placostegus c.*). N.W.Th. (2), 29.carinifera, Gray in Dieffenbach's New Zealand, ii. 242;  
Hutton, T.N.Z.I. xi. 326, believes these to be synonymous.greyi, Quatrefages. Hist. Nat. Annel. ii. 510; Hutton,  
T.N.Z.I. xi. 326.mahoria, Quatrefages. Hist. Nat. Annel. ii. 520; Hutton,  
T.N.Z.I. xi. 326.hombroni, Quatrefages. Hist. Nat. Annel. ii. 527; Hutton,  
T.N.Z.I. xi. 327.hystrix, Mörch. Quatrefages, Hist. Nat. Annel. ii. 534;  
Hutton, T.N.Z.I. xi. 327.**Cymospira**, Blainville, 1828.incompleta, Quatrefages. Hist. Nat. Annel. ii. 543; Hutton,  
T.N.Z.I. xi. 327.**Spirorbis**, Daudin, 1800.zelandica, Gray, in Dieffenbach's New Zealand, ii. 295;  
Hutton, T.N.Z.I. xi. 327.

## Order HERMELLIFORMIA.

## Family HERMELLIDÆ.

**Pallasia**, Quatrefages, 1848.quadricornis, Schmarda (*Hermella q.*). N.W.Th. (2), 25;  
Hutton, T.N.Z.I. xi. 324.

castelnau, Grube. J. B. sches. Gesell. xlvi. 69.

Incertæ sedis. [? OPHELIIDÆ.]

**Oncoscolex**, Schmarda, 1861.

homochætus, Schmarda. N.W.Th. (2), 55.

\* No attempt has been made to re-examine the Serpulids.

## Class ECHIUROIDEA.

## Family ECHIURIDÆ.

**Echiurus**, Guérin (? 1831).

novæ-zealandiæ, Dendy. T.N.Z.I. xxx. 323.

## Class OLIGOCHÆTA.

[For additional species of this Class, see Appendix.]

## Family MEGASCOLECIDÆ.

## Sub-family ACANTHODRILINÆ.

**Maoridrilus**, Michaelsen, 1899 = *Acanthodrilus*, Perrier, in part.  
**uliginosus**, Hutton, 1876, T.N.Z.I. ix. 351 = *Ac. novæ-zealandiæ*, Beddard, 1885. Benham, T.N.Z.I. xxxiii. 122, pl. v.; Beddard, 1895, Monogr. Oligoch. 534.  
**dissimilis**, Beddard. P.Z.S. 1885, 813, pl. 52, 53.  
**rosæ**, Beddard. P.Z.S. 1889, 379.  
**smithi**, Beddard. P.Z.S. 1892, 675, pl. 46.  
**parkeri**, Beddard. Monogr. 1895, 534.  
**plumbeus**, Beddard. Monogr. 1895, 548.  
**tetragonurus**, Michaelsen, 1899. Zool. Jahrb. Syst. xii. 230.

**Neodrilus**, Beddard, 1887.**monocystis**, Beddard. Benham, Q.J.M.S. 1892, xxxiii. 289, pl. 15.**Plagiochæta**, Benham, 1892.**sylvestris**, Hutton. *Megascolex s.*, Hutton, T.N.Z.I. ix. 352; Benham, T.N.Z.I. 1898, xxxv. 278; *P. punctata*, Benham, Q.J.M.S. xxxiii. 294.**lineata**, Hutton. *Megascolex l.*, Hutton, T.N.Z.I. ix. 352; Benham, T.N.Z.I. xxxv. 281.**montana**, Benham. T.N.Z.I. xxxv. 288.**ricardi**, Benham. T.N.Z.I. xxxv. 286.**rossii**, Benham. T.N.Z.I. xxxv. 284.[N.B.—Probably Baird's *Megascolex antarcticus*, 1873, belongs to this genus.]**Notiodrilus**, Michaelsen, 1899 = *Acanthodrilus*, Perrier, in part.  
**annectens**, Beddard, 1888. Q.J.M.S. xxix. 102, pl. 12, 13;

Beddard, Monogr. 1895, 544.

**paludosus**, Beddard, 1892. P.Z.S. 677.**macquariensis**, Beddard, 1896. Benham, T.N.Z.I. xxxiii. 132, pl. 2.**haplocystis**, Benham, 1900. T.N.Z.I. xxxiii. 130, pl. 2.**aucklandicus**, Benham, 1902. T.N.Z.I. xxxv. 275.**Microscolex**, Rosa, 1887.**novæ-zealandiæ**, Beddard, 1894. Monogr. 463.**monticola**, Beddard, 1895. Monogr. 467.

**Rhododrilus**, Beddard, 1899.  
**minutus**, Beddard. P.Z.S. 1889, 380; Monogr. 463.  
**huttoni**, Benham, 1900. *Microcolex h.*, T.N.Z.I. xxxiii. 140,  
pl. 4. Sub-family MEGASCOLECINÆ.

**Pontodrilus**, Perrier, 1874.  
**chathamianus**, Michaelsen, 1899. *Chathamensis*, Benham,  
laps. cal., T.N.Z.I. 1900, xxxiii. 136, pl. 3.

**Diporochæta**, Beddard, 1890.  
**intermedia**, Beddard. Q.J.M.S. xxx. 467, pl. 29;  
Monogr. 439.  
**chathamensis**, Benham, 1900. T.N.Z.I. xxx. 134, pl. 3.

Sub-family OCTOCHÆTINÆ.

**Octochætus**, Beddard, 1893 = *Acanthodrilus*, Perrier, in part.  
**levis**, Hutton, 1876. Benham, 1898, T.N.Z.I. xxxi. 160.  
**multiporus**, Beddard, 1885. P.Z.S. 813, pl. 52, 53;  
Monogr. 526; Michaelsen, Tierr. 319.  
**antarcticus**, Beddard, 1889. P.Z.S. 379; Monogr. 553.  
**thomasi**, Beddard, 1892. P.Z.S. 671; Monogr. 552.  
**huttoni**, Beddard, 1893. P.Z.S. 674; Monogr. 552.

**Dinodrilus**, Beddard, 1888.  
**benhami**, Beddard. Q.J.M.S. 1888, xxix. 105, pl. 13;  
Monogr. 557.

Family ENCHYTRÆIDÆ.

**Fridericia**, Michaelsen, 1889.  
**galba**, Hoffmeister, 1843 = *antarctica*, Beddard, 1895.  
Monogr. 349.

**Henlea**, Michaelsen, 1889.  
**ventriculosa**, Udekom. Beddard, Monogr. 350.

Family HAPLOTAXIDÆ.

**Pelodrilus**, Beddard, 1891.  
**violaceus**, Beddard, 1891. A.M.N.H. ser. 6, vii. 91;  
Monog. 192.

**Haplotaxis**, Hoffmeister, 1843.  
**smithi**, Beddard, 1888 = *Phreoryctes s.*, Beddard. A.M.N.H.  
ser. 6, i. 393, pl. 23; Monogr. 190.

Family PHREODRILIDÆ.

**Phreodrilus**, Beddard, 1891.  
**subterraneus**, Beddard. A.M.N.H. 6, vii. 92; Monogr. 275.

Family TUBIFICIDÆ.

**Tubifex**, Lamarck, 1818.  
**tubifex**, O. F. Müller, 1774 = *T. rivulorum*, Lamarck.  
Beddard, Monogr. 244 [? introduced].

**Limnodrilus**, Claparède, 1862.  
  *novæ-zealandiæ*, Beddard. Monogr. 247.  
  Sp. nov. innom. Beddard MS.

CLASS, MYZOSTOMIDA.

**Myzostoma**, Leuckart, 1827.  
  *tenuispinum*, Graff. Challenger Reports, x. 68.  
  *willemœsii*, Graff. Challenger Reports, x. 71.  
  *murrayi*, Graff. Challenger Reports, x. 74.

CLASS, SIPUNCULACEA.

**Sipunculus**, Lamarck, 1818.  
  *æneus*, Baird. P.Z.S. 1868, 81; Hutton, T.N.Z.I. xi. 316.  
  *?lutulentus*, Hutton. T.N.Z.I. xii. 278.

**Physcosoma**, Selenka, 1897.  
  *annulatum*, Hutton (*Phascolosoma a.*). T.N.Z.I. xii. 278.

**Phascolosoma**, Leuckart, 1862.  
  *huttoni*, Benham MS. ? = *Sip. lutulentus*, Hutton.

**Aspidosiphon**, Grube, 1867.  
  *suteri*, Benham MS.

CLASS, HIRUDINEA.

Order RHYNCHOBDELLIDA.

Family ICHTHYOBDELLIDÆ.

**Branchellion**, Savigny, 1807.  
  *rajæ*, Parker. T.N.Z.I. xxiv. 714.

**Pontobdella**, Leach, 1815.  
  Sp. indet. Benham MS.

Family GLOSSIPHONIDÆ.

**Glossiphonia**, Johnson, 1816.  
  *novæ-zealandiæ*, Dendy and Olliver. T.N.Z.I. xxxiii. 99.

Order GNATHOBDELLIDA.

Family HIRUDINIDÆ.

**Hæmadipsa**, Tennent.  
  *limbata*, Grube. Moore, Proc. U.S. Mus. xxi. 543 (*Geobdella limbata*). [Probably attributed to N.Z. in error.]

# PHYLUM, ECHINODERMATA.

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## CLASS, HOLOTHURIOIDEA.

### Order ACTINOPODA.

#### Family ASPIDOCHIROTÆ.

**Holothuria**, Linnaeus, 1758.

**robsoni**, Hutton (Sp. dub.). Dendy, J.L.S. Zool. xxvi. 48 ; Ludwig, Hamburger Magalhaensische Sammelreise, Holothurien, 7.

**Stichopus**, Brandt, 1835.

**mollis**, Hutton. Dendy, J.L.S. Zool. xxvi. 46 ; Ludwig, Hamburger Magalhaensische Sammelreise, Holothurien, 7.

**Mesothuria**, Oestergren, 1896.

**lactea**, Théel = *Holothuria lactea*, Dendy, J.L.S. Zool. xxvi. 49. Oestergren, Zur Kenntniss der Subfamilie Synallectinæ unter den Aspidochiroten, Upsala, 1896. (Festskrift för Liljeborg.)

#### Family ELASIPODÆ.

**Enypniastes**, Théel, 1882.

**eximia**, Théel. Challenger Reports, iv. 56.

**Pannychia**, Théel, 1882.

**moseleyi**, Théel. Challenger Reports, iv. 88.

#### Family DENDROCHIROTÆ.

**Cucumaria**, Blainville, 1830.

**alba**, Hutton = *Colochirus alba*, Dendy, J.L.S. Zool. xxvi. 35. Ludwig, Hamburger Magalhaensische Sammelreise, Holothurien, 29.

**ocnoides**, Dendy = *Colochirus ocnoides*, Dendy, J.L.S. Zool. xxvi. 36 ; *Ludwigia ocnoides*, Reiffen, Zeitschr. wiss. Zool. lxix. 598.

**huttoni**, Dendy. J.L.S. Zool. xxvi. 32 ; Ludwig, Hamburger Magalhaensische Sammelreise, Holothurien, 39.

**thomsoni**, Hutton (sp. dub.). Dendy, J.L.S. Zool. xxvi. 34.

**turbinata**, Hutton (sp. dub.). Dendy, J.L.S. Zool. xxvi. 34.

**Phyllophorus**, Grube, 1840 (Ludwig emend. 1887).

**longidentis** (Hutton) = *Thyonidium longidentis*, Dendy, J.L.S. Zool. xxvi. 42. Ludwig, Hamburger Magalhaensische Sammelreise, Holothurien, 49.

**Pseudoposolus**, Ludwig, 1898.

**macquariensis**, Dendy = *Posolus macquariensis*, Dendy, J.L.S. Zool. xxvi. 41. Ludwig, Hamburger Magalhaensische Sammelreise, Holothurien, 49.

**Colochirus**, Troschel, 1846.

**brevidentis**, Hutton. Dendy, J.L.S. Zool. xxvi. 40; Ludwig, Zool. Jahrb. Supp. iv. Heft 2, 1898, 442.  
**calcareus**, Dendy (sp. dub.). J.L.S. Zool. xxvi. 38; Ludwig, Zool. Jahrb. Supp. iv. Heft 2, 1898, 442.

#### Family MOLPADIIDÆ.

**Caudina**, Stimpson, 1853.

**coriacea**, Hutton. Dendy, J.L.S. Zool. xxvi. 28, 456.

**Ankyroderma**, Danielssen and Koren, 1879.

**marenzelleri**, Théel. Challenger Reports, xiv. 41.

**Trochostoma**, Danielssen and Koren, 1877.

**albicans**, var. **glabrum**, Théel. Challenger Reports, xiv. 46.

**violaceum**, Studer. Théel, Challenger Reports, xiv. 42.

#### Order PARACTINOPODA.

##### Family SYNAPTIDÆ.

**Synapta**, Eschscholtz, 1829.

**uncinata**, Hutton. Dendy, J.L.S. Zool. xxvi. 25.

**inæqualis**, Hutton (sp. dub.). Dendy, J.L.S. Zool. xxvi. 26.

**Trochodota**, Ludwig, 1891.

**dunedensis**, Parker = *Chirodota dunedinensis*, Dendy, J.L.S. Zool. xxvi. 26; Ludwig, Hamburger Magalhaensische Sammelreise, Holothurien, 87.

### CLASS, ECHINOIDEA.

#### Order SPATANGOIDEA.

##### Family SPATANGIDÆ.

**Pourtalesia**, Agassiz, 1869.

**laguncula**, Agassiz. Farquhar, P.L.S.N.S.W. xxiii. 322.

**Echinocardium**, Gray, 1825.

**australe**, Gray. Farquhar, P.L.S.N.S.W. xxiii. 322.

**Brissiopsis**, Agassiz, 1840.

**luzonica**, Gray. Farquhar, P.L.S.N.S.W. xxiii. 322.

## Family CASSIDULIDÆ.

**Echinobrissus**, Breyn, 1732.**recens**, Milne-Edwards. Farquhar, P.L.S.N.S.W. xxiii. 321.

## Order CLYPEASTRIDEA.

## Family SCUTELLIDÆ.

**Arachnoides**, Klein, 1734.**placenta**, Linnæus. Farquhar, P.L.S.N.S.W. xxiii. 321.

## Order REGULARIA.

## Family CIDARIDÆ.

**Goniocidaris**, Des , 1846.**umbulacrum**, Hutton. Farquhar, P.L.S.N.S.W. xxiii. 316.

## Family SALENIDÆ.

**Salenia**, Gray, 1825.**hastigera**, Agassiz. Challenger Reports, iii. 54.

## Family DIADEMATIDÆ.

**Aspidodiadema**, Agassiz, 1879.**tonsum**, Agassiz. Challenger Reports, iii. 66.

## Family ECHINOTHURIDÆ.

**Asthenosoma**, Grube, 1869.**gracile**, Agassiz. Farquhar, P.L.S.N.S.W. xxiii. 317.**Phormosoma**, Thomson, 1874.**rigidum**, Agassiz. Farquhar, P.L.S.N.S.W. xxiii. 317.

## Family ECHINOMETRIDÆ.

**Echinometra**, Rondel, 1554.**lucunter**, Leske. Agassiz, Challenger Reports, iii. 105.**Strongylocentrotus**, Brandt, 1835.**tuberculatus**, Lamarck. Farquhar, P.L.S.N.S.W. xxiii. 317.

## Family ECHINIDÆ.

**Temnopleurus**, Agassiz, 1841.**reynaudi**, Agassiz. Farquhar, P.L.S.N.S.W. xxiii. 318.**Trigonocidaris**, Agassiz, 1869.**monolini**, Agassiz. Challenger Reports, iii. 111.**Salmacis**, Agassiz, 1841.**globator**, Agassiz. Farquhar, P.L.S.N.S.W. xxiii. 318.**Amblynopneustes**, Agassiz, 1841.**formosus**, Valenciennes. Farquhar, P.L.S.N.S.W. xxiii. 318.**griseus**, Blainville. Farquhar, P.L.S.N.S.W. xxxiii. 319.

**Echinus**, Rondel, 1554.

*angulosus*, Klein. Farquhar, P.L.S.N.S.W. xxiii. 319.

*magellanicus*, Phillipi. Farquhar, P.L.S.N.S.W. xxiii. 320.

**Evechinus**, Verrill, 1846.

*chloroticus*, Valenciennes. Farquhar, P.L.S.N.S.W. xxiii. 320.

**Tripneustes**, Agassiz, 1841.

*variegatus*, Klein. (Kermadecs),

### CLASS, OPHIUROIDEA.

Order OPHIURIDA.

Family OPHIURIDÆ.

**Pectinura**, Forbes, 1842.

*maculata*, Verrill. Farquhar, P.L.S.N.S.W. xxiii. 306.

**Ophiopeza**, Pet., 1851.

*cylindrica*, Hutton. Farquhar, P.L.S.N.S.W. xxiii. 306.  
  *danbyi*,

**Ophioplocus**, Lyman, 1861.

*huttoni*, Farquhar. P.L.S.N.S.W. xxiv. 187.

**Ophioglypha**, Lyman, 1860.

*rugosa*, Lyman. Farquhar, P.L.S.N.S.W. xxiii. 306.

*ornata*, Lyman. Challenger Reports, v. 61.

**Ophioceramis**, Lyman, 1865.

*clausa*, Lyman. Challenger Reports, v. 26.

*obstricta*, Lyman. Challenger Reports, v. 26.

**Ophiocten**, Lütken, 1854.

*hastatum*, Lyman. Farquhar, P.L.S.N.S.W. xxiii. 307.

**Ophiomusium**, Lyman, 1869.

*lymani*, Thomson. Farquhar, P.L.S.N.S.W. xxiii. 306.

*scalare*, Lyman. Challenger Reports, v. 95.

**Ophiozona**, Lyman, 1865.

*stellata*, Lyman. Farquhar, P.L.S.N.S.W. xxiii. 307.

**Ophiomastus**, Lyman, 1878.

*tegulitius*, Lyman. Farquhar, P.L.S.N.S.W. xxiii. 307.

**Ophiophyllum**, Lyman, 1878.

*petilum*, Lyman. Challenger Reports, v. 102.

**Ophiactis**, Lütken, 1856.

*flexuosa*, Lyman. Challenger Reports, v. 116.

*cuspidata*, Lyman. Challenger Reports, v. 117.

*nama*, Lyman. Challenger Reports, v. 117.

*nigrescens*, Hutton. Farquhar, P.L.S.N.S.W. xxiii. 307.

**Ophionereis**, Lütken, 1859.  
*schayeri*, Muller and Troschel. Farquhar, P.L.S.N.S.W. xxxiii. 307.

**Amphiura**, Forbes, 1842.  
*argentea*, Lyman. Challenger Reports, v. 129.  
*lanceolata*, Lyman. Farquhar, P.L.S.N.S.W. xxiii. 308.  
*canescens*, Lyman. Challenger Reports, v. 140.  
*rosea*, Farquhar. P.L.S.N.S.W. xxiii. 308.  
*pusilla*, Farquhar. P.L.S.N.S.W. xxiii. 308.  
*elegans*, Leach. Farquhar, P.L.S.N.S.W. xxiii. 308.  
*parva*, Hutton. Farquhar, P.L.S.N.S.W. xxiii. 308.  
*aster*, Farquhar. T.N.Z.I. xxxiii. 250.

**Ophiochiton**, Lyman, 1878.  
*lentus*, Lyman. Challenger Reports, v. 177.

**Ophiacantha**, Müller and Troschel, 1842.  
*vepratica*, Lyman. Challenger Reports, v. 182.  
*cornuta*, Lyman. Challenger Reports, v. 193.

**Ophiomitra**, Lyman, 1869.  
*plicata*, Lyman. Challenger Reports, v. 203.

**Ophiopteris**, Smith, 1877.  
*antipodum*, Smith. Farquhar, P.L.S.N.S.W. xxiii. 308.

**Ophiomyxa**, Müller and Troschel, 1842.  
*australis*, Lütken. Farquhar, P.L.S.N.S.W. xxiii. 309.

Order EURYALIDA.  
 Family ASTROPHYTIDÆ.

**Astrochema**, Örst. and Lutken, 1856.  
*horridum*, Lyman. Challenger Reports, v. 275.  
*salix*, Lyman. Challenger Reports, v. 277.

**Ophiocreas**, Lyman, 1869.  
*constrictus*, Farquhar. T.N.Z.I. xxxii. 405.

CLASS, CRINOIDEA.

Order ARTICULATA.  
 Family COMATULIDÆ.

**Antedon**, De Fréminville, 1811.  
*incerta*, Carpenter. Challenger Reports, xxvi. 106.  
*breviradia*, Carpenter. Challenger Reports, xxvi. 110.  
*echinata*, Carpenter. Challenger Reports, xxvi. 119.  
*basicurva*, Carpenter. Challenger Reports, xxvi. 120.  
*incisa*, Carpenter. Challenger Reports, xxvi. 124.  
*alternata*, Carpenter. Challenger Reports, xxvi. 179.  
*inæqualis*, Carpenter. Challenger Reports, xxvi. 244.

**Endocrinus**, Carpenter, 1882.  
**semperi**, Carpenter. Challenger Reports, xxvi. 82.

## Family PENTACRINIDÆ.

**Metacrinus**, Carpenter, 1884.  
**varians**, Carpenter. Challenger Reports, xi. 353.  
**wyvillei**, Carpenter. Challenger Reports, xi. 358.  
**nodosus**, Carpenter. Challenger Reports, xi. 364.

**Pentacrinus**, Miller, 1821.  
**alternicirrus**, Carpenter. Challenger Reports, xi. 321.  
**naresianus**, Carpenter. Challenger Reports, xi. 324.

## CLASS, ASTEROIDEA.

## Order PHANEROZONIA.

## Family ASTROPECTENIDÆ.

**Astropecten**, Linck, 1733.  
**edwardsi**, Verrill. Farquhar, P.L.S.N.S.W. xxiii. 309.  
**polycanthus**, Müller and Troschel. Farquhar, P.L.S.N.S.W. xxiii. 309.

**Psilaster**, Sladen, 1885.  
**acuminatus**, Sladen. Challenger Reports, xxx. 225.

## Family PENTAGONASTERIDÆ.

**Astrogonium**, Müller and Troschel, 1842.  
**pulchellum**, Gray. Farquhar, P.L.S.N.S.W. xxiii. 310.  
**abnormale**, Gray. Farquhar, P.L.S.N.S.W. xxiii. 310.

**Gnathaster**, Sladen, 1889.  
**miliaris**, Gray. Farquhar, P.L.S.N.S.W. xxiii. 310.  
**rugosus**, Hutton. Farquhar, P.L.S.N.S.W. xxiii. 311.

**Goniodon**, Perrier.  
**dilatatus**, Perrier. Farquhar, P.L.S.N.S.W. xxiii. 311; Loriol,  
 Notes pour servir à l'étude des Echinodermes, 1901, 43.

## Family GYMMASTERIDÆ.

**Asterospis**.  
**imperialis**, Farquhar.

## Family ASTERINIDÆ.

**Asterina**, Nardo, 1834.  
**regularis**, Verrill. Farquhar, P.L.S.N.S.W. xxiii. 312.  
**novæ-zealandiæ**, Perrier. Farquhar, P.L.S.N.S.W. xxiii.  
 312.

**Stegnaster**, Sladen.  
**inflatus**, Hutton. Farquhar, P.L.S.N.S.W. xxiii. 312.

## Order CRYPTOZONIA.

## Family STICHLASTERIDÆ.

**Stichaster**, Müller and Troschel, 1840.*australis*, Verrill. Farquhar, P.L.S.N.S.W. xxiii. 313.*polyplax*, Müller and Troschel. Farquhar, P.L.S.N.S.W. xxiii. 313.*suteri*, Loriol. Farquhar, P.L.S.N.S.W. xxiii. 313.*var. laevigatus*, Hutton. Farquhar, P.L.S.N.S.W. xxiii. 313.*insignis*, Farquhar. P.L.S.N.S.W. xxiii. 314.

## Family LINCKIIDÆ.

**Ophidiaster**, Agassiz, 1835.*cylindricus*. Sladen, Challenger Reports, xxx. 403.

## Family SOLASTERIDÆ.

**Solaster**, Forbes, 1839.*torulatus*, Sladen. Challenger Reports, xxx. 457.

## Family ECHINASTERIDÆ.

**Cribrella**, Agassiz, 1834.*ornata*, Perrier. Farquhar, P.L.S.N.S.W. xxiii. 314.*compacta*, Sladen. Farquhar, P.L.S.N.S.W. xxiii. 314.*sufflata*, Sladen. Challenger Reports, xxx. 549.*lukinsii*, Farquhar. T.N.Z.I. xxx. 190.**Echinaster**, Gray, 1840.*purpureus*, Gray. Farquhar, P.L.S.N.S.W. xxiii. 314.

## Family BRISINGIDÆ.

**Freyella**, Perrier, 1885.*polycnema*, Sladen. Challenger Reports, xxx. 621.

## Family ASTERIIDÆ.

**Asterias**, Linnaeus, 1748.*calamaria*, Gray. Farquhar, P.L.S.N.S.W. xxiii. 315.*scabra*, Hutton. Farquhar, P.L.S.N.S.W. xxiii. 315.*mollis*, Hutton. Farquhar, P.L.S.N.S.W. xxiii. 316.*fragilis*, Sladen. Farquhar, P.L.S.N.S.W. xxiii. 316.*rodolphi*, Perrier.**Uniofera**, Gray, 1840.*granifera*, Lamarck. Farquhar, P.L.S.N.S.W. xxiii. 316.

## PHYLUM, MOLLUSCOIDA.

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### CLASS, BRACHIOPODA.

Order ARTICULATA.

Family TEREBRATULIDÆ.

#### **Magellania,**

*lenticularis*, Deshayes. Hutton, Man. N.Z. Moll. 176  
(*Waldheimia*).

#### **Terebratella**, D'Orbigny, 1847.

*sanguinea*, Leach = *cruenta*, Dillwyn. Hutton, Man. N.Z.  
Moll. 176.

*rubicunda*, Solander. Hutton, Man. N.Z. Moll. 177.

#### **Terebratulina**, d'Orbigny, 1847.

*murrayi*, Davidson. Challenger Reports, i. 39.

Family RHYNCHONELLIDÆ.

#### **Rhynchonella**, Fischer, 1809.

*nigricans*, Sowerby. Hutton, Man. N.Z. Moll. 178.

### CLASS, POLYZOA.

Sub-class ENDOPROCTA.

Order .

Family .

#### **Pedicellinopsis**, Hincks.

*gracilis*, Sars. Hilgendorf, T.N.Z.I. xxx. 218.

Sub-class ECTOPROCTA.

Order PHYLACTOLÆMATA.

Family .

#### **Plumatella**, Lamarck, 1816.

*aplinii*, MacGillivray (?). Hutton, Man. N.Z. Moll. 1880, 179.

*repens*, Allman. Hamilton, T.N.Z.I. xii. 302.

Order GYMNOLÆMATA.

Sub-order CTENOSTOMATA.

Family HALCYONELLIDÆ.

#### **Flustrella**, Ehrenberg, 1838.

*binderi*, Harvey. Hutton, T.N.Z.I. xxiii. 107.

## Family VESICULARINIDÆ.

**Amathia**, Lamouroux, 1812.**swainsoni**, Hutton. Cat. Marine Moll. N.Z. 91 (*Beania*).

## Sub-order CHEILOSTOMATA.

## Division STOLONATA.

## Family ÆTEIDÆ.

**Ætea**, Lamouroux, 1812.**dilatata**, Busk. Cat. Pol. Brit. Mus. i. 31.

## Family EUCRATEADÆ.

**Hippothoa**, Lamouroux, 1821.**flagellum**, Manzoni. Hutton, T.N.Z.I. xxiii. 106.**divaricata**, Lamouroux. Hamilton, T.N.Z.I. xxx. 196.

## Division RADICELLATA.

## Family CATENARIADÆ.

**Catenicella**, Blainville, 1830.**ventricosa**, Busk. Cat. Pol. Brit. Mus. i. 7.**hastata**, Busk. Cat. Pol. Brit. Mus. i. 7 (*C. bicuspis*, Gray).**cribraria**, Busk. Cat. Pol. Brit. Mus. i. 9.**perforata**, Busk. Cat. Pol. Brit. Mus. i. 9.**ringens**, Busk. Cat. Pol. Brit. Mus. i. 10.**elegans**, Busk. Cat. Pol. Brit. Mus. i. 10.**cornuta**, Busk. Cat. Pol. Brit. Mus. i. 11.**carinata**, Busk. Cat. Pol. Brit. Mus. i. 12.**scutella**, Hutton. T.N.Z.I. xxiii. 103.**alata**, Wyville Thomson. Hamilton, T.N.Z.I. xxx. 199.**crystallina**, Wyville Thomson. Nat. Hist. Rev. 1858.**Claviporella**,**geminata**, Wyville Thomson. MacGillivray, Cat. Vict. Pol. 12.**aurita**, MacGillivray. Cat. Vic. Pol. 12.

## Family CELLULARIADÆ.

**Cellularia**, Pallas, 1760.**cuspidata**, Busk. Hutton, T.N.Z.I. xxiii. 103.**Menipea**, Lamouroux, 1812.**cirrata**, Lamouroux. Busk, Cat. Pol. Brit. Mus. i. 21.**buskii**, Wyville Thomson. Nat. Hist. Review, 1858.**crystallina**, Gray. In Dieffenbach's N.Z. ii. 293 (*Emma*).**tricellata**, Busk. Cat. Pol. Brit. Mus. i. 28 (*Emma*).**patagonica**, Busk. Cat. Pol. Brit. Mus. i. 22.**Scrupocellaria**, Van Beneden, 1845.**scruea**, Busk. Cat. Pol. Brit. Mus. i. 24.**Caberea**, Lamouroux, 1816.**texta**, Lamarck. Hutton, T.N.Z.I. xxiii. 103.

**Caberea lyallii**, Busk. Hutton, T.N.Z.I. xxiii. 103.  
**rostrata**, Busk. Hutton, T.N.Z.I. xxiii. 103.  
**boryi**, Audouin. Hamilton, T.N.Z.I. xxx. 194.

Family BICELLARIIDÆ.

**Bicellaria**, Blainville, 1830.  
**tuba**, Busk. Cat. Pol. Brit. Mus. i. 42.  
**Bugula**, Oken, 1835.  
**neritina**, Linnæus. Busk, Cat. Pol. Brit. Mus. i. 44.  
**dentata**, Lamouroux. Busk, Cat. Pol. Brit. Mus. i. 46.  
**prismatica**, Gray. Dieffenbach's N.Z. ii. 292.  
**johnstonii**, Gray. Dieffenbach's N.Z. ii. 292 (*Halophila*).  
**avicularia**, Linnæus. Hutton, T.N.Z.I. xxiii. 103.

Family GEMELLARIIDÆ.

**Dimetopia**, Busk, 1851.  
**spicata**, Busk. Cat. Pol. Brit. Mus. i. 35.  
**cornuta**, Busk. Cat. Pol. Brit. Mus. i. 35.

Family FARCIMINARIIDÆ.

**Farciminaria**, Busk, 1852.  
**aculeata**, Busk. Cat. Pol. Brit. Mus. i. 33.  
**blainvillii**, Lamouroux. Hutton, T.N.Z.I. xxiii. 104.

Family FLISTRIDÆ.

**Flustra**, Linnæus, 1745.  
**episcopaloris**, Busk. Cat. Pol. Brit. Mus. i. 52 (*Carbasea*).  
**indivisa**, Busk. Cat. Pol. Brit. Mus. i. 53 (*Carbasea*).  
*var. cyathyformis*, MacGillivray. Trans. Phil. i. Vic. 1859, 97.

**Carbasea**, Gray, 1848.  
**moselyi**, Busk. Challenger Reports, x. 56.

**Diachoris**, Busk, 1851.  
**elongata**, Hincks. A.M.N.H. 5, xv. 244.  
**bilaminata**, Hincks. A.M.N.H. 5, vii. 44.  
**intermedia**, Hincks. A.M.N.H. 5, viii. 74.  
**magellanica**, Busk. Cat. Pol. Brit. Mus. i. 54.  
**inermis**, Busk. Cat. Pol. Brit. Mus. i. 54.  
**spinigera**, MacGillivray. Cat. Vict. Pol. 17.

Family MEMBRANIPORIDÆ.

**Membranipora**, Blainville, 1830.  
**membranacea**, Linnæus. Busk, Cat. Pol. Brit. Mus. ii. 56.  
**pilosa**, Linnæus. Busk, Cat. Pol. Brit. Mus. ii. 56.  
**lineata**, Linnaeus. Busk, Cat. Pol. Brit. Mus. ii. 58.  
**spinosa**, Quoy and Gaimard. Hutton, T.N.Z.I. xxiii. 104.  
**trifolium**, Wood. Hutton, T.N.Z.I. xxiii. 104.

**Membranipora roborata**, Hincks. Hutton, T.N.Z.I. xxiii. 104.  
**solidula**, Hincks. Hutton, T.N.Z.I. xxiii. 104.  
**valdemuniata**, Hincks. Hutton, T.N.Z.I. xxiii. 104.  
**hians**, Hincks. Hutton, T.N.Z.I. xxiii. 104.  
**pura**, Hincks. Hutton, T.N.Z.I. xxiii. 104.  
**acuta**, Hincks. Hutton, T.N.Z.I. xxiii. 104.  
**brunnea**, Hutton. T.N.Z.I. xxiii. 104.  
**maorica**, Stoliczka. Hutton, T.N.Z.I. xxiii. 104.  
**serrata**, McGillivray. Hamilton, T.N.Z.I. xxx. 195.

#### Family MICROPORIDÆ.

**Micropora**, Gray, 1848.

**lepidia**, Hincks. Hutton, T.N.Z.I. xxiii. 105.  
**elongata**, Hincks. Hutton, T.N.Z.I. xxiii. 105.

**Steganoporella**, Hincks, 1879.

**neozelanica**, Busk. Q.J.M.S. n.s. i. 155 (*Vincularia*) ;  
 Harmer, Q.J.M.S. xlvi. 259.

#### Family SALICORNARIADÆ.

**Cellaria**, Ellis, 1754.

**malvinensis**, Busk. Cat. Pol. Brit. Mus. i. 19.  
**setigera**, Desmarest. Hutton, T.N.Z.I. xxiii. 103.

#### Family TUBUCELLARIADÆ.

**Tubucellaria**, d'Orbigny, 1851.

**hirsuta**, Lamouroux. Hutton, T.N.Z.I. xxiii. 103.

#### Family ONCHOPORIDÆ.

**Calwellia**, Thomson, 1859.

**bicornis**, Wyville Thomson. Nat. Hist. Rev. 1858, i. 91.

#### Family RETEPORIDÆ.

**Retepora**, Lamarck, 1801.

**fissa**, McGillivray. Waters, A.M.N.H. 6, iv. 18.  
**novæ-zealandiæ**, Waters. J.L.S. xxv. 270.  
**monilifera, forma munita**, Hincks. T.R.S.Vict. xx. 108.  
**avicularis**, McGillivray. Hamilton, T.N.Z.I. xxx. 196.

#### Family CRIBRILINIDÆ.

**Cribrilina**, Gray, 1848.

**monoceros**, Busk. Challenger Reports, x. 133.  
**figularis**, Johnston. Hamilton, T.N.Z.I. xxx. 196.  
**radiata**, Moll. Busk, Challenger Reports, x. 131.

#### Family MICROPORELLIDÆ.

**Microporella**, Hincks.

**ciliata**, Pallas. Hutton, T.N.Z.I. xxiii. 105.

**Microporella decorata, var. angustipora, Hincks. A.M.N.H.**

5, xv. 249.

*malusii*, Audouin. Busk, Cat. Pol. Brit. Mus. ii. 83.*var. disjuncta*, Hincks. A.M.N.H. 5, xv. 249.*yarraensis*, Waters. Hutton, T.N.Z.I. xxiii. 105.*pellucida*, Hutton. Cat. Marine Moll. N.Z. 97.*coscinophora*, var. *mucromata*, McGillivray. Hamilton, T.N.Z.I. xxx. 195.

## Family ESCHARID.E.

**Lepralia, Johnston, 1838.***lyallii*, Busk. Cat. Pol. Brit. Mus. ii. 75.*cincta*, Hincks. A.M.N.H. 5, xv. 254.*foraminigera*, Hincks. A.M.N.H. 5, xi. 109.*poissonii*, Audouin. Hincks, A.M.N.H. 5, viii. 63.*rectilineata*, Hincks. A.M.N.H. 5, xi. 110.*flexuosa*, Hutton. Cat. Marine Moll. N.Z. 99 (*Eschara j.*).*pallasiana*, Moll. Hincks, Brit. Mar. Pol. 297.**Chorizopora, Hincks.***brongniartii*, Audouin. Hamilton, T.N.Z.I. xxx. 195.**Porella, Gray, 1848.***malleolus*, Hincks. A.M.N.H. 5, xiii. 361.**Smittia, Hincks, 1879.***napierii*, Waters. A.M.N.H. 6, iv. 17.*unispinosa*, Waters. A.M.N.H. 6, iv. 15.*trispinosa*, Johnston. Hincks, Brit. Marine Pol. 353.*reticulata*, McGillivray. A.M.N.H. 1, ix. 467.**Mucronella, Hincks, 1877.***præstans*, Hincks. Hutton, T.N.Z.I. xxiii. 105.*bi-incisa*, var. *bicuspidis*, Hincks. A.M.N.H. 5, xi. 110.*diaphana*, var. *armata*, Hincks. A.M.N.H. 5, ix. 98.*tricuspidis*, Hincks. A.M.N.H. 5, viii. 66.*variolosa*, Johnston. Busk, Cat. Pol. Brit. Mus. ii. 75.*peachii*, var. *octodentata*, Hincks. Brit. Marine Pol. 361.**Membraponella,***nitida*, Johnston. Busk, Cat. Pol. Brit. Mus. ii. 76.**Monoporella,***crustatina*, Waters. Hutton, T.N.Z.I. xxiii. 104.*disjuncta*, Manzoni. Hutton, T.N.Z.I. xxiii. 104.**Schizoporella, Hincks, 1877.***hyalina*, Linnaeus. Hutton, T.N.Z.I. xxiii. 106.*var. cornuta*, Busk. Hutton, T.N.Z.I. xxiii. 106.*areolata*, Busk. Cat. Pol. Brit. Mus. ii. 82.*marsupifera*, Busk. Challenger Reports, x. 165.

**Schizoporella biaperta**, Michelin. Hincks, Brit. Marine Pol.

255.

*biserialis*, Hincks. A.M.N.H. 5, xv. 250.

*cinctipora*, Hincks. A.M.N.H. 5, xi. 109.

*var. personata*, Waters. Q.J.GeoL.S. xliii. 167.

*cribrilifera*, Hincks. A.M.N.H. 5, xv. 250.

*spectabilis*, Hincks. A.M.N.H. 6, vii. 292.

*sinuosa*, *var. armata*, Hincks. Brit. Marine Pol. 267.

*conservata*, Waters. Hincks, A.M.N.H. 5, x. 165.

*auriculata*, Hassall. A.M.N.H. i. ix. 411.

**Haswellia**, Busk, 1884.

*auriculata*, Busk. Challenger Reports, x. 173.

**Rhynchopora**, Hincks, 1877.

*bispinosa*, Johnston. Hincks, Brit. Marine Pol. 385.

#### Family ADEONEÆ.

**Adeonellopsis**,

*parvipunctata*, McGillivray. Hamilton, T.N.Z.I. xxx. 196.

#### Family CELLEPORIDÆ.

**Cellepora**, Gmelin, 1789.

*coronopus*, Wood. Hutton, T.N.Z.I. xxiii. 106.

*bispinata*, Busk. Cat. Pol. Brit. Mus. ii. 87.

*mamillata*, Busk. Cat. Pol. Brit. Mus. ii. 87.

*pustulata*, Busk. Challenger Reports, x. 200.

*ampliata*, Hutton. Cat. Marine Moll. N.Z. 99.

*agglutinans*, Hutton. Cat. Marine Moll. N.Z. 99.

#### Sub-order CYCLOSTOMATA.

##### Family CRISIADÆ.

**Crisia**, Lamouroux, 1812.

*denticulata*, *var. patagonica*, D'Orbigny. Busk, Cat. Pol. Brit. Mus. iii. 8.

*edwardsiana*, D'Orbigny. Busk, Cat. Pol. Brit. Mus. iii. 5.

##### Family IDMONEIDÆ.

**Idmonea**, Lamouroux, 1821.

*milneana*, D'Orbigny. *I. giebeliana*, Stoliczka, Reise der Novara, 115.

*radians*, Lamarck. Busk, Cat. Pol. Brit. Mus. iii. 11.

*ramosa*, D'Orbigny. Waters, Q.J.G.S. xliii. 339.

*serpens*, Linnæus. Hutton, T.N.Z.I. xxiii. 107.

**Crisina**,

*hochstetteriana*, Stoliczka. Reise der Novara, Palæ. 113 (*Idmonea*).

**Entalophora**, Lamouroux, 1821.

**raripora**, D'Orbigny. *E. haastiana*, Stoliczka, Reise der Novara, Palæ. 102.

**intricaria**, Busk. Cat. Pol. Brit. Mus. iii. 22.

**purpurascens**, Hutton. T.N.Z.I. ix. 361 (*Pustulipora*).

**Cinctipora**, Hutton, 1873.

**elegans**, Cat. Marine Moll. N.Z. 103.

**Hornera**, Lamouroux, 1821.

**foliacea**, McGillivray. Hutton, T.N.Z.I. xxiii. 107.

**striata**, Stoliczka. Reise der Novara, Palæ. 107.

**frondiculata**, Lamouroux. Hamilton, T.N.Z.I. xxx. 197.

## Family TUBULIPORIDÆ.

**Tubulipora**, Lamarck, 1816.

**biduplicata**, Waters. Q.J.G.S. xlivi. 343.

**glomerata**, Hutton. Cat. Marine Moll. N.Z. 103.

**Stromatopora**, Blainville, 1830.

**racemosa**, Hutton. Cat. Marine Moll. N.Z. 103 (*Alecto*).

**major**, Johnston. Hamilton, T.N.Z.I. xxx. 197.

## Family DIASTOPORIDÆ.

**Diastopora**, Lamouroux, 1821.

**patina**, Lamarck. Hutton, T.N.Z.I. xxiii. 107.

**perangulata**, Waters. Q.J.G.S. xlivi. 343.

**sarniensis**, Norman. A.M.N.H. 3, xiii. 89.

**suborbicularis**, Hincks. Brit. Marine Pol. 464.

## Family LICHENOPORIDÆ.

**Lichenopora**, Defrance, 1823.

**holdsworthii**, Busk. Hutton, T.N.Z.I. xxiii. 107.

**neozelanica**, Busk. Cat. Pol. Brit. Mus. iii. 32 (*Discoporella*).

**clypeiformis**, D'Orbigny. Hamilton, T.N.Z.I. xxx. 197.

**pristis**, McGillivray. Cat. Vict. Pol. 336.

**Defranchia**, Bronn, 1835.

**dentata**, Hutton. Cat. Marine Moll. N.Z. 199.

## Family FRONDIPORIDÆ.

**Supercystis**, D'Orbigny.

**digitata**, D'Orbigny. Busk, Cat. Pol. Brit. Mus. iii. 37  
(*Fasciculipora*).

## Family HETEROPORIDÆ.

**Heteropora**, Blainville, 1830.

**pelliculata**, Waters. Hutton, T.N.Z.I. xxiii. 107.

# PHYLUM. TROCHELMINTHES.

## CLASS, ROTIFERA.

### Order RHIZOTA.

#### Family FLOSCULARIDÆ.

**Floscularia**, Oken, 1815.

**coronetta**, Cubitt. Hudson and Gosse, The Rotifera, i. 49.  
**ornata**, Ehrenberg. Hudson and Gosse, The Rotifera, i. 50.  
**ambigua**, Hudson. Hudson and Gosse, The Rotifera, i. 53.

#### Family MELICERTADÆ.

**Melicerta**, Schrank, 1803.

**ringens**, Schrank. Hudson and Gosse, The Rotifera, i. 70.

### Order BDELLOIDA.

#### Family PHIODINADÆ.

**Philodina**, Ehrenberg, 1830.

**erythrophthalma**, Ehrenberg. Hudson and Gosse, The Rotifera, i. 99.  
**roseola**, Ehrenberg. Hudson and Gosse, The Rotifera, i. 99.  
**megalotrocha**, Ehrenberg. Hudson and Gosse, The Rotifera, i. 101.  
**microps**, Gosse. Hudson and Gosse, The Rotifera, Supplement, 8.

**Rotifer**, Cuvier, 1798.

**vulgaris**, Schrank. Hudson and Gosse, The Rotifera, i. 104.  
**macrurus**, Schrank. Hudson and Gosse, The Rotifera, i. 107.

**Callidina**, Ehrenberg, 1830.

**bihamata**, Gosse. Hudson and Gosse, The Rotifera, i. 111.  
**quadridens**, Hilgendorf. T.N.Z.I. xxxi. 113.  
**venusta**, Bryce.

### Order PLOIMA.

#### Sub-order ILLORICATA.

#### Family HYDATINADÆ.

**Notops**, Hudson, 1886.

**minor**, Rousselet. Quekett Jour. Jan. 1892 = *Postclausa circularis* and *minuta*, Hilgendorf, T.N.Z.I. xxxi. 125-6.

**Hydatina**, Ehrenberg, 1830.

**senta**, Ehrenberg. Hudson and Gosse, The Rotifera, ii. 9.

Family NOTOMMATADE.

**Notomma**, Ehrenberg, 1830.

**tripus**, Ehrenberg. Hudson and Gosse, The Rotifera, ii. 22.

**pentophthalma**, Hilgendorf. T.N.Z.I. xxxi. 116.

**Proales**, Gosse, 1886.

**decipiens**, Ehrenberg. Hudson and Gosse, The Rotifera, ii. 36.

**Diglena**, Ehrenberg, 1830.

**forcipata**, Ehrenberg. Hudson and Gosse, The Rotifera, ii. 36.

**Eosophora**, Ehrenberg, 1830.

**aurita**, Ehrenberg. Hudson and Gosse, The Rotifera, ii. 47.

Sub-order LORICATA.

Family RATTULIDÆ.

**Mastigocerca**, Ehrenberg, 1830.

**lophoessa**, Gosse. Hudson and Gosse, The Rotifera, ii. 60.

= *M. rectocaudatus*, Hilgendorf, T.N.Z.I. xxxi. 120.

**Rattulus**, Ehrenberg, 1830.

**tigris**, Muller. Hudson and Gosse, The Rotifera, ii. 65.

**cimolius**, Gosse. Hudson and Gosse, The Rotifera, ii. 65.

**weberi**, Jennings.

**Cœlopus**, Gosse, 1886.

**tenuior**, Gosse. Hudson and Gosse, The Rotifera, ii. 68.

= *Mastigocerca flectocaudatus*, Hilgendorf, T.N.Z.I. xxxi. 119.

**brachyurus**, Gosse. Hudson and Gosse, The Rotifera, ii. 69.

Family DINOCHARIDÆ.

**Dinocharis**, Ehrenberg, 1830.

**inornata**, Hilgendorf. T.N.Z.I. xxxi. 121.

Family SALPINADÆ.

**Diaschiza**, Gosse, 1886.

**tenuior**, Gosse. Hudson and Gosse, The Rotifera, ii. 81.

= *D. taurocephalus*, Hilgendorf, T.N.Z.I. xxxi. 123.

**semiaperta**, Gosse. Hudson and Gosse, The Rotifera, ii. 80.

**paeta**, Gosse. Hudson and Gosse, The Rotifera, ii. 79.

**ventripes**, Dixon-Nuttall.

Family EUCLANIDÆ.

**Euchlanis**, Ehrenberg, 1830.

**dilatata**, Ehrenberg. Hudson and Gosse, The Rotifera, ii. 90.

**Cathypna**, Gosse, 1886.  
*hudsoni*, Lord.

**Monostyla**, Ehrenberg, 1830.

*cornuta*, Ehrenberg. Hudson and Gosse, The Rotifera, ii. 98.  
*lunaris*, Ehrenberg. Hudson and Gosse, The Rotifera, ii. 98.

Family COLURIDÆ.

**Coluris**, Ehrenberg, 1830.

*amblytelus* or *caudatus* (or both), Ehrenberg. Hudson and Gosse, The Rotifera, ii. 104.

**Metopidia**, Ehrenberg, 1830.

*solidus*, Gosse. Hudson and Gosse, The Rotifera, ii. 106.

*acuminata*, Ehrenberg. Hudson and Gosse, The Rotifera,  
 ii. 107.

*triptera*, Ehrenberg. Hudson and Gosse, The Rotifera, ii. 108.

Family PTERODINADÆ.

**Pterodina**, Ehrenberg, 1830.

*patina*, Ehrenberg. Hudson and Gosse, The Rotifera, ii. 112.

Family ANURÆADÆ.

**Anuræa**, Gosse, 1851, *nec* Ehrenberg.

*hypelasma*, Gosse. Hudson and Gosse, The Rotifera, ii. 123.

**Notholca**, Gosse, 1886.

*jugosa*, Gosse. Hudson and Gosse, The Rotifera, Supplement, 56 = *N. regularis*, Hilgendorf, T.N.Z.I. xxxi. 132.

## PHYLUM, NEMATELMINTHES.

### CLASS, NEMATOIDEA.\*

#### Family ASCARIDÆ.

**Ascaris**, Linnaeus, 1746.  
macruri, v. Linstow. Challenger Reports, xxiii. 7, in *Macruris rufis*.  
labiata, Rudolphi, in *Conger vulgaris*.  
ecaudata, Dujardin, in *Conger vulgaris*.  
clavata, Rudolphi, in *Conger vulgaris*.  
orthagorisci, Rudolphi, in *Orthagoriscus mola*.  
incurva, Rudolphi, in *Xiphias gladius*.  
bi-uncinata, Molin, in *Zeus faber*.  
bramæ, v. Beneden, in *Brama raii*.  
granulosa, Schneider, in *Fregatta aquila*.  
spiculigera, Rudolphi, in *Podiceps cristatus* and in *Phalacrocorax carbo*.  
microcephala, Rudolphi, in *Herodias egretta*.  
aurita, v. Linstow, in *Micranous leucocapillus*.  
conocephala, Krabbe, in *Delphinus delphis*.  
apterycis, Chatin, in *Apteryx sp.*; Bull. Soc. Philom. 7, ix. 36.

**Heterakis**, Dujardin, 1845.  
hians, Dujardin, in *Conger vulgaris*.  
præcinctus, Dujardin, in *Conger vulgaris*.  
congi, v. Beneden, in *Conger vulgaris*.

#### Family FILARIIDÆ.

**Ichthyonema**, Diesing, 1860.  
*congeri vulgaris*, Molin, in *Conger vulgaris*.

**Filaria**, Müller, 1787.  
acuta, Diesing, in *Podiceps cristatus*.  
recta, v. Linstow, in *Podiceps cristatus*.  
squamata, v. Linstow, in *Phalacrocorax carbo*.  
dubia, Leidy, in *Diomedea exulans*.

\* This list of Parasites is for the most part abstracted from v. Linstow's 'Compendium d. Helminthologie,' 1878, and Appendix, 1889, with a few recently described species from Zool. Record. It has been impossible to determine the synonyms, owing to absence of literature.

**Spirophera**, Rudolphi, 1819.

`acanthocephalica`, Molin, in *Hydroprogne caspica*.

`campbelli`, Chatin, in *Notothenia filholi*, Bull. Soc. Philom. 7, ix. 37.

Family TRICHOTRACHELIDÆ.

**Trichosoma**, Rudolphi, 1819.

`carbonis`, Rudolphi, in *Phalacrocorax carbo*.

`convolutum`, Fourment, in *Ossiphraga gigantea*.

**Tropidocerca**, Diesing, 1860.

`certa`, Leidy, in *Diomedea exulans*.

Family STRONGYLIDÆ.

**Eustrongylus**, Diesing, 1850.

`papillosum`, Rudolphi, in *Phalacrocorax carbo*.

`tubifex`, Diesing, in *Podiceps cristatus*.

Family (?).

**Agamонема**, Diesing, 1851.

`capsularia`, Diesing, in *Conger vulgaris*.

`zenis`, Wedl, in *Zeus faber*.

`fabri`, Diesing, in *Zeus faber*.

`carancum`, Diesing, in *Caraux trachurus*.

`campbelli`, Chatin, Bull. Soc. Philom. 7, ix. 37, in various fishes.

### CLASS, GORDIACEA.

Family GORDIIDÆ.

**Gordius**, Linnaeus, 1767.

`diblastus`, Oerley, Ann. Mag. N.H. 5, viii. 331.

`pachydermus`, Oerley, Ann. Mag. N.H. 5, viii. 331.

### CLASS, ACANTHOCEPHALA.

Family ECHINORHYNCHIDÆ.

**Echinorhynchus**, O. F. Müller, 1776.

`urniger`, Dujardin, in *Zeus faber*.

`annulatus`, Molin, in *Lepidopus caudatus* and in *Conger vulgaris*.

`lamelliger`, Diesing, in *Naucrates ductor*.

`vasculosus`, Rudolphi, in *Brama raii*.

`acus`, Rudolphi, in *Conger vulgaris*.

`solitarius`, Molin, in *Conger vulgaris*.

`hystrix`, Bremser, in *Phalacrocorax carbo*.

`striatus`, Goeze, in *Phalacrocorax carbo*.

`longicollis`, Villot, in *Stepsilas interpres*.

`sphærocephalus`, Bremser, in *Larus dominicanus*.

**Echinorhynchus capitatus**, v. Linstow, in *Pseudorca crassidens* and in *Globicephalus melas*.

**porrigens**, Rudolphi, in *Balaenoptera rostrata*.

**turbinella**, Diesing, in *Balaenoptera musculus* and in *Dolphinus delphis*.

CLASS, CHÆTOGNATHA.

**Krohnia**, Langerhans, 1880.

Sp. innom., Parker. T.N.Z.I. xxviii. 758 (? = *Spadella hamata*, Mœbius).

# PHYLUM, PLATYHELMINTHES.

## CLASS, TURBELLARIA.

Order RHABDOCCELIDA.

Sub-order RHABDOCCELA.

Family VORTICIDÆ.

**Chonostomum**, Schmarda, 1859.

**crenulatum**, Schmarda. N.W.Th. (1) 4; Hutton, T.N.Z.I. xi. 314.

Family PRORHYNCHIDÆ.

**Prorhynchus**, M. Schultze, 1851.

**putealis**, Haswell. Q.J.M.S. xl. 631.

Order POLYCLADIDA.

Family LEPTOPLANIDÆ.

**Leptoplana**, Ehrenberg, 1831.

**californica**, Plehn. Zool. Jahrb. Syst. xii. 448.

? **polysora**, Schmarda. N.W.Th. (1), 25 (*Centrostomum*); Hutton, T.N.Z.I. xi. 315.

? **brunnea**, Cheeseman. T.N.Z.I. xv. 214.

**Polyclelis**, Schmarda, 1859.

**australis**, Schmarda. N.W.Th. (1), 21; Hutton, T.N.Z.I. xi. 315.

Family PSEUDOCERIDÆ.

**Thysanozoon**, Grube, 1840.

**brocchii**, Risso. Lang, Die Polycladen, 1885, 525 = *T. cruentatum*, Schmarda. Hutton, T.N.Z.I. xi. 315 = *T. aucklandica*, Cheeseman, T.N.Z.I. xv. 213.

*var. huttoni*, T. W. Kirk. T.N.Z.I. xiv. 267.

Family EURYLEPTIDÆ.

**Prostheceræus**, Schmarda, 1859.

**herberti**, T. W. Kirk (*Eurylepta h.*). T.N.Z.I. xiv. 267.

Order TRICLADIA.

Tribe TERRICOLA.

Family GEOPLANIDÆ.

**Geoplana**, Schultze, 1856.

**testacea**, Hutton. T.N.Z.I. xii. 277; Graff, Mon. de Turbellarien, ii. 353.

**Geoplana triangulata**, Dendy. T.N.Z.I. xxvii. 179.  
*var. australis*, Dendy. T.N.Z.I. xxvii. 180; xxviii. 211.  
*flavimarginata*, Dendy. T.N.Z.I. xxix. 259.  
*purpurea*, Dendy. T.N.Z.I. xxvii. 182; xxviii. 212.  
*garveyi*, Dendy. T.N.Z.I. xxxiii. 234.  
*tenuis*, Dendy. T.N.Z.I. xxvii. 188.  
*traversii*, Moseley. Q.J.M.S. n.s. xvii. 284.  
*challengeri*, Graff. Mon. Turb. ii. 370.  
*moseleyi*, Hutton. T.N.Z.I. xii. 277; Dendy, T.N.Z.I.  
  xxix. 261.  
*graffii*, Dendy. T.N.Z.I. xxvii. 180; xxxiii. 224.  
*var. somersii*, Dendy. T.N.Z.I. xxviii. 212.  
*var. nodosa*, Dendy. T.N.Z.I. xxxiii. 227.  
*var. angusta*, Dendy. T.N.Z.I. xxxiii. 228.  
*var. clintonensis*, Dendy. T.N.Z.I. xxxiii. 228.  
*var. occidentalis*, Dendy. T.N.Z.I. xxix. 260.  
*var. otiraensis*, Dendy. T.N.Z.I. xxix. 261.  
*var. nigrescens*, Dendy. T.N.Z.I. xxxiii. 230.  
*var. castanea*, Dendy. T.N.Z.I. xxxiii. 225.  
*var. ocellata*, Dendy. T.N.Z.I. xxxiii. 226.  
*var. wharekauriensis*, Dendy. T.N.Z.I. xxxiii. 226.  
*var. dorsomarmorata*, Dendy. T.N.Z.I. xxxiii. 228.  
*iris*, Dendy. T.N.Z.I. xxviii. 213.  
*sulphurea*, Fletcher and Hamilton. Dendy, T.N.Z.I.  
  xxvii. 183.  
*alfordensis*, Dendy. T.N.Z.I. xxviii. 212.  
*agricola*, Dendy. T.N.Z.I. xxvii. 184.  
*var. maori*, Dendy. T.N.Z.I. xxxiii. 233.  
*inæqualistriata*, Dendy. T.N.Z.I. xxvii. 182.  
*fagicola*, Dendy. T.N.Z.I. xxxiii. 233.  
*exulans*, Dendy. T.N.Z.I. xxxiii. 233.  
*mundula*, Fletcher and Hamilton. T.N.Z.I. xxxiii. 236.  
*splendens*, Dendy. T.N.Z.I. xxvii. 183.  
*laingii*, Dendy. T.N.Z.I. xxvii. 185.  
*spectabilis*, Dendy. T.N.Z.I. xxvii. 185.  
*hamiltoni*, Dendy. T.N.Z.I. xxvii. 186.  
*gelatinosa*, Dendy. T.N.Z.I. xxvii. 186.  
*quinquelineata*, Fletcher and Hamilton. T.N.Z.I. xxviii.  
  212.  
*jacksoniana*, Dendy. T.N.Z.I. xxix. 262.  
*lateropunctata*, Dendy. T.N.Z.I. xxxiii. 232.  
*huttoni*, Graff. Mon. Turb. ii. 352.  
*subquadranglelata*, Dendy. T.N.Z.I. xxvii. 187.  
*mœbiusi*, Graff. Mon. Turb. ii. 386.  
*meridionalis*, Graff. Mon. Turb. ii. 377.  
*suteri*, Dendy. T.N.Z.I. xxix. 263.  
*aucklandica*, Dendy. T.N.Z.I. xxxiii. 235.

**Geoplana howesi**, Dendy. T.N.Z.I. xxxiii. 238.  
**cooperi**, Dendy. T.N.Z.I. xxxiii. 239.  
**latissima**, Dendy. T.N.Z.I. xxviii. 211.  
**cucullata**, Dendy. T.N.Z.I. xxix. 259.  
**mariæ**, Dendy. T.N.Z.I. xxvii. 184.

### CLASS, TEMNOCEPHALOIDEA.

#### Order DACTYLIFERA.

##### Family TEMNOCEPHALIDÆ.

**Temnocephala**, Blanchard, 1849.

**novæ-zealandiæ**, Haswell. Q.J.M.S. xxviii. 279; Macleay Mem. 1893, 138; Chilton, T.N.Z.I. xxi. 252 (on *Parane-phrops*).

### CLASS, TREMATODA.\*

#### Order HETEROCOTYLEA.

##### Family TRISTOMIDÆ.

**Tristomum**, Cuvier, 1817.

**coccineum**, Cuvier, in *Xiphias gladius*.  
**papillosum**, Diesing, in *Xiphias gladius*.  
**molæ**, Blanchard, in *Orthagoriscus mola*.  
**rudolphianum**, Diesing, in *Orthagoriscus mola*.  
**cephala**, Risso, in *Orthagoriscus mola*.  
**squali**, Blanchard, in a shark (unnamed) from New Zealand.

**Encotyllabe**, Diesing, 1850.

**nordmanni**, Diesing, in *Brama raii*.

##### Family MICROCOTYLIDÆ.

**Gastrocotyle**, Van Beneden and Hesse, 1863.

**trachuri**, Van Beneden and Hesse, in *Caranx trachurus*.

#### Order ASPIDOCOTYLEA.

##### Family ASPIDO BOTHRIDÆ.

**Macraspis**, Olsson, 1868.

Sp. Benham MS. in *Callorhynchus*.

#### Order MALACOTYLEA.

\* This list of Parasites is for the most part abstracted from v. Linstow's 'Compendium d. Helminthologie,' 1878, and Appendix, 1889, and a few have been taken from the Zoological Record of more recent date. It has not been possible in all cases to determine the matter of synonymy, owing to the absence of literature.

## Family DISTOMIDÆ.

**Distomum**, Retzius, 1776.*insigne*, Diesing, in *Echinorhinus spinosus*.*veliporum*, Creplin, in *Scymnus lichia* and in *Echinorhinus spinosus*.*macrocotyle*, Diesing, in *Orthagoriscus mola*.*contortum*, Rudolphi, in *Orthagoriscus mola*.*nigroflavum*, Rudolphi, in *Orthagoriscus mola*.*foliatum*, Linton, in *Orthagoriscus mola*.*calceolus*, Molin, in *Conger vulgaris*.*rufovirede*, Rudolphi, in *Conger vulgaris* and in *Zeus faber*.*simplex*, Rudolphi, in *Conger vulgaris*.*varicum*, Zeder, in *Conger vulgaris*.*echeneidis remoræ*, Rudolphi, in *Echeneis remora*.*lageniforme*, Linton, in *Echeneis remora*.*monticelii*, Linton, *Echeneis remora*.*dendriticum*, Rudolphi, in *Xiphias gladius*.*clavatum*, Rudolphi, in *Xiphias gladius*.*polonii*, Molin, in *Caranx trachurus*.*giardii*, Stossich, in *Naucrates ductor*.*grandiporum*, Rudolphi, in *Conger vulgaris*.*laticolle*, Rudolphi, in *Caraux trachurus*.*cochleariforme*, Rudolphi, in *Fregatta aquila*.*concavum*, Creplin, in *Podiceps cristatus*.*echinatum*, Zeder, in *Podiceps cristatus* and in *Phalacrocorax carbo*.*spinulosum*, Rudolphi, in *Podiceps cristatus*.*goliath*, v. Beneden, in *Balaenoptera rostrata*.*palliatum*, Looss, in *Delphinus delphis*.*dephini*, Poirier, in *Delphinus delphis*.*erinaceum*, Poirier, in *Delphinus delphis*.*rochebruni*, Poirier, in *Delphinus delphis*.*longissimum*, Poirier, in *Tursiops tursio*.**Kœllikeria**, Cobbold, 1859.*filicole*, Rudolphi, in *Brama raii* and in *Orthagoriscus mola*.

## Family HOLOSTOMIDÆ.

**Holostomum**, Nitzsche, 1819.*platycephalum*, Dujardin, in *Phalacrocorax carbo* and in *Podiceps cristatus*.*variegatum*, Dujardin, in *Podiceps cristatus* and in *Phalacrocorax carbo*.*squamsum*, Villot, in *Strepsilas interpres*.**Hemistomum**, Diesing, 1850.*trilobum*, Rudolphi, in *Phalacrocorax carbo*.

**Hemistomum pileatum**, Brandes, in *Hydroprogne caspia*.  
**commutatum**, Diesing, in *Hydroprogne caspia*.

Family MONOSTOMIDÆ.

**Monostomum**, Zeder, 1800.

**filarinum**, Diesing, in *Orthagoriscus mola*.

**filum**, Dujardin, in *Brama raii*.

**echinostomum**, Diesing, in *Sula fusca*.

**petasatum**, Deslongchamps, in *Strepsilas interpres*.

**holostomioides**, Mehlis, in *Podiceps cristatus*.

**pingue**, Mehlis, in *Podiceps cristatus*.

Family GASTEROSTOMIDÆ.

**Gasterostomum**, V. Siebold, 1848.

**armatum**, Molin, in *Conger vulgaris*.

Family DIDYMOZOONTIDÆ.

**Didymozoon**, Taschenberg, 1879.

**exocæti**, Parona and Perugia in *Exocetus*.

CLASS, CESTOIDEA.

Order GYROCOTYLACEA.

Family GYROCOTYLIDÆ.

**Gyrocotyle**, Diesing, 1850.

**urna**, Wagner, in *Callorhynchus* (*see* Spencer, T.R.S.V. i. 136).

Order CARYOPHYLLACEA.

Family CARYOPHYLLÆIDÆ.

**Monobothrium**, Diesing, 1850.

**punctatum**, Molin, in *Conger vulgaris* [? a young form of *Tetrabothrid*].

Order PSEUDOPHYLLIDEA.

Family BOTHRIOCEPHALIDÆ.

**Anchistrocephalus**, Monticelli, 1890.

**macrocephalus**, Rudolphi, in *Orthagoriscus mola* (*Bothrioccephalus m.*).

**Fistulicola**, Lühe, 1899.

**plicatus**, Rudolphi, in *Xiphias gladius* (*Bothrioccephalus p.*).

**Bothrioccephalus**, Rudolphi, 1810.

**quadratus**, v. Linstow, in *Ogmorhinus leptonyx*.

**bramæ**, Ariola, in *Brama raii*.

**Schistocephalus**, Creplin, 1829.

**nodosus**, Bloch, in *Podiceps cristatus*.

**Ligula**, Bloch, 1782.

**monogramma**, Creplin, in *Podiceps cristatus*.  
**digramma**, Creplin, in *Podiceps cristatus*.

## Order TETRAPHYLLIDEA.

## Family TETRABOTHRIDÆ.

**Tetrabothrium** (Rudolphi), Fuhrmann, 1899.

**maculatum**, Olssen, in *Lamna cornubica*.

**macrocephalum**, Rudolphi, in *Podiceps cristatus*.

**auriculatum**, v. Linstow, in *Thalassæca glacialoides* and  
*Daption capensis*.

**erostris**, Limberg, in *Cataractes chrysocome*.

**Orygmatobothrium**, Diesing, 1854.

**dohrnii**, Oerley, in *Scymnus lichia*.

**Amphotericotyle**, Diesing, 1863.

**elegans**, Diesing, in *Daption capensis*.

**Phyllobothrium**, v. Beneden, 1849.

**delphini**, Gervais, in *Tursiops tursio*.

**Anthobothrium**, v. Beneden, 1849.

**cornucopia**, v. Beneden, in *Lamna cornubica*.

**Cylindrophorus**, Diesing, 1863.

**typicus**, Diesing, in *Carcharodon rondeletii*.

**Dinobothrium**, v. Beneden, 1889.

**septaria**, v. Beneden, in *Lamna cornubica*.

**Diplobothrium**, v. Beneden, 1889.

**simile**, v. Beneden, in *Lamna cornubica*.

## Order TETRARHYNCHA.

## Family TETRARHYNCHIDÆ.

**Tetrahyynchus**, sensu lato, Vaullegard, 1899.

**bicolor**, v. Nordmann, in *Carch. rondeletii* = *Abothros carcharias*, Welch.

**erinaceus**, v. Beneden, in *Scymnus lichia*.

**infusculus**, Diesing, in *Zeus faber* and in *Conger vulgaris*.

**paleaceus**, Rudolphi, in *Conger vulgaris* and in *Caranx trachurus*.

**crassiceps**, Diesing, in *Brama raii*.

**gracilis**, Wagener, in *Orthagoriscus mola*.

**attenuatus**, Rudolphi, in *Xiphias gladius*.

**tenuicaudatus**, Leidy, in *Echeneis remora*.

**gigas**, Vaullegard = *reptans*, Wagener = *elongatus*, Rudolphi,  
 in *Zeus faber* and in *Orthagoriscus mola*.

## Order TETRACOTYLEA.

## Family TÆNIIDÆ.

**Drepanidotænia**, Raillet, 1892.

*apterygis*, Benham. Q.J.M.S. xlvi. 83, in *Apteryx*.  
*minuta*, Benham. Q.J.M.S. xlvi. 83, in *Apteryx*.

**Tænia**, sensu lato, Linnæus, 1758.

- scolecina*, Rudolphi, in *Phalacrocorax carbo*.
- increscens*, v. Linstow, in *Hæmatopus unicolor*.
- coronata*, Krefft, in *Himantopus leucocephalus*.
- rugosa*, Krefft, in *Himantopus leucocephalus*.
- cylindrica*, Krefft, in *Anas superciliosa*.
- pediformis*, Krefft, in *Anas superciliosa*.
- flavescens*, Krefft, in *Anas superciliosa* and in *Spatula rhynchota*.
- bairdi*, Krefft, in *Anas superciliosa*.
- tuberculata*, Krefft, in *Nyroca australis*.
- filum*, Goeze, in *Strepsilas interpres*.
- clavigera*, Krabbe, in *Strepsilas interpres*.
- retirostris*, Krabbe, in *Strepsilas interpres*.
- furcifera*, Krabbe, in *Podiceps cristatus*.
- capillaris*, Rudolphi, in *Podiceps cristatus*.
- pelecani aquilæ*, Rudolphi, in *Fregatta aquila*.
- sulciceps*, Baird, in *Diomedea exulans*.
- apterycis*, Chatin, in *Apteryx*, Bull. Soc. Philom. (7), ix. 36.

[Is probably identical with one of the two sp. *Drepanidotænia*, above.]

## CLASS, NEMERTINI.

## Order METANEMERTINI.

**? Amphiaporus**, Ehrenberg, 1831, or **? Eunemertes**, Vaillant, 1890.

*heterophtalma*, Schmarda. N.W.Th. (1), 41; *Ommatoplea h.*, Hutton, T.N.Z.I. xi. 316.

**? Amphiaporus** or **? Drepanophorus**, Hubrecht, 1874.

*novæ-zealandiæ*, Quoy and Gaimard. Voy. Astrolabe, Zool. iv. 290 (*Borlasia, N.Z.*); Hutton, T.N.Z.I. xii. 277.

## Family PROSORHOCHMIDÆ.

**Geonemertes**, Semper, 1863.

*novæ-zealandiæ*, Dendy. T.N.Z.I. xxvii. 192; xxviii. 214.

## Order HETERONEMERTINI.

## Family EUPOLIIDÆ.

**Eupolia**, Hubrecht, 1887.

*giardii*, McIntosh. Challenger Reports, xix. 11.

*australis*, Hubrecht. Challenger Reports, xix. 13.

## Family LINEIDÆ.

**Cerebratulus**, Renier, 1804.

*macrostomus*, Schmarda (*Meckelia m.*). N.W.Th. (1), 42;  
    Hutton, T.N.Z.I. xi. 316.

*macrorhochmus*, Schmarda (*Meckelia m.*). N.W.Th. (1),  
    43; Hutton, T.N.Z.I. xi. 316.

*parkeri*, Hubrecht. Challenger Reports, xix. 43.

*angusticeps*, Hubrecht. Challenger Reports, xix. 44.

*macroren*, Hubrecht. Challenger Reports, xix. 46.

## PHYLUM, CŒLENTERATA.

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### CLASS, CTENOPHORA.

#### Order SACCATA.

##### Family PLEUROBRACHIDÆ.

**Eschscholthia**, Lesson, 1843.

**dimidiata**, Lesson. Ann. Sc. Nat. v. 254; Acalèphes, 102.

### CLASS, ACTINOZOA.

#### Sub-class ZOANTHARIA.

##### Order ACTINIARIA.

##### Family PHYLLACTIDÆ.

**Oulactis**, H. Milne-Edwards, 1857.

**plicatus**, Hutton. T.N.Z.I. xi. 311.

##### Family SAGARTIADÆ.

**Gregoria**, Gosse, 1860.

**albocincta**, Hutton. T.N.Z.I. xi. 312.

**Sagartia**, Gosse, 1858.

**crocata**, Hutton (*Diactis*). T.N.Z.I. xii. 275.

##### Family ANTHEADÆ.

**Paractis**, H. Milne-Edwards, 1857.

**monilifera**, Drayton. Hutton, T.N.Z.I. xii. 275.

**Anthea**, Johnstone, 1838.

**olivacea**, Hutton. T.N.Z.I. xii. 312.

##### Family ACTINIADÆ.

**Actinia**, Gmelin, 1789.

**striata**, Quoy and Gaimard (gen. dub.). Hutton, T.N.Z.I. xii. 213.

**tenebrosa**, Farquhar. J.L.S. xxvi. 535.

**thomsoni**, Coughtrey. T.N.Z.I. vii. 280 (genus doubtful); Farquhar, J.L.S. xxvi. 527.

**Phymactis**, H. Milne-Edwards, 1857.  
*polydactyla*, Hutton. T.N.Z.I. xi. 313.  
*inconspicua*, Hutton. T.N.Z.I. xi. 313.

Family ILYANTHIDÆ.

**Peachia**, Gosse, 1854.  
*carnea*, Hutton. T.N.Z.I. xii. 275.

Family MINYADIDÆ.

**Minyas**, Cuvier, 1817.  
*viridula*, Quoy and Gaimard. Hutton, T.N.Z.I. xi. 314.

Order MADREPORARIA.

Section APOROSA.

Sub-section TURBINOLIDA.

Family TURBINOLIDÆ.

**Flabellum**, Lesson, 18—.  
*rubrum*, Quoy and Gaimard. Voy. Astrolabe, iv. 188.

**Conocyathus**, d'Orbigny, 1849.  
*zealandiæ*, Duncan. P.Z.S. 1876, 431.

**Cylicia**, Edwards and Haime, 1851.  
*rubeola*, Quoy and Gaimard. Voy. Astrolabe, iv. 197.  
*huttoni*, Ten. Woods. P.L.S.N.S.W. iii. 132.  
*vacua*, Ten. Woods. P.L.S.N.S.W. iii. 133.

**Placotrochus**, Edwards and Haime, 1848.  
*pedicellatus*, Ten. Woods. P.L.S.N.S.W. iii. 134.

**Polyphyllia**, Quoy and Gaimard, 1833.  
*pelvis*, Quoy and Gaimard. Voy. Astrolabe, iv. 185.

**Caryophyllia**, Lamarck, 1801.  
*maculata*, Pourtales. Moseley, Challenger Reports, ii. 139.  
*lamellifera*, Moseley. Challenger Reports, ii. 140.

Order ANTIPITHARIA.

Family ANTIPATHIDÆ.

**Aphanipathes**, Brook, 1889.  
*fruticosa*, Gray. Brook, Challenger Reports, xxxii. 124.

**Taxipathes**, Brook, 1889.  
*recta*, Brook (?). Challenger Reports, xxxii. 156. [Specimen in Canterbury Museum.]

Sub-class ALCYONARIA.

Order ALCYONACEA.

Family CORNULARIIDÆ.

**Anthopodium**, Verrill, 1872.  
*australe*, Verrill. Bull. U.S. Mus. 1876, 76.

## Family ALCYONIDÆ.

**Lobularia**, Lamarck, 1816.*aurantiaca*, Lamarck. Quoy, Voy. Astrolabe, iv. 277.

## Order PENNATULACEA.

## Family VIRGULARIDÆ.

**Virgularia**, Lamarck, 1816.*gracillima*, Kölliker. Dendy, T.N.Z.I. xxix. 256.

## Family PROTOCAULIDÆ.

**Protocaulon**, Kölliker, 1880.*molle*, Kölliker. Challenger Reports, i. 26.

## Family PROTOPTILIDÆ.

**Leptoptilum**, Kölliker, 1880.*gracile*, Kölliker. Challenger Reports, i. 27.

## Order GORGONACEA.

## Family DASYGORGIDÆ.

**Dasygorgia**, Verrill, 1883.*expansa*, Wright and Studer. Challenger Reports, xxxi. 16.*acanthella*, Wright and Studer. Challenger Reports, xxxi. 18.*axillaris*, Wright and Studer. Challenger Reports, xxxi. 20.

## Family PRIMNOIDÆ.

**Calytrophora**, Gray, 1866.*wyvillei*, Wright and Studer. Challenger Reports, xxxi. 52.**Stachyodes**, Wright and Studer, 1889.*regularis*, Wright and Studer. Challenger Reports, xxxi. 55.**Thouarella**, Gray, 1870.*moseleyi*, Wright and Studer. Challenger Reports, xxxi. 61.**Primnoella**, Gray, 1857.*australasiæ*, Gray. Wright and Studer, Challenger Reports, xxxi. 88.

## Family SCLEROGORGIADE.

**Rhipidigorgia**, Valenciennes, 1854.*cribum*, Valenciennes. H. Milne-Edwards, Coralleairies, i. 175*arenata*, Valenciennes. H. Milne-Edwards, Coralleairies, i. 176.

## CLASS, SCYPHOZOA.

## Order STAUROMEDUSÆ.

## Family LUCERNARIDÆ.

**Craterolophus**, Clark, 1863.*macrocystis*, Lendenfeld (nomen nudum). P.L.S.N.S.W. ix. 165.

## Order PEROMEDUSÆ.

## Family PERICOLPIDÆ.

**Pericrypta**, Haeckel, 1879.*campana*, Haeckel. Lendenfeld, P.L.S.N.S.W. ix. 167.

## Family PERIPHYLLIDÆ.

**Periphylla**, Steenstrup, 1837.*mirabilis*, Haeckel. Lendenfeld, P.L.S.N.S.W. ix. 168.

## Order DISCOMEDUSÆ.

## Family TOREUMIDÆ.

**Archirhiza**, Haeckel, 1880.*aurosa*, Haeckel. Lendenfeld, P.L.S.N.S.W. ix. 282 and 425.**Toreuma**, Haeckel, 1880.*theophila*, Haeckel. Lendenfeld, P.L.S.N.S.W. ix. 283 and 426.**Cannorhiza**, Haeckel, 1880.*connexa*, Haeckel. Lendenfeld, P.L.S.N.S.W. ix. 294 and 427.

## CLASS, HYDROZOA.

## Order SIPHONOPHORA.

## Family VELELLIDÆ.

**Veabella**, Lamarck, 1816.*cyanæa*, Lesson. Haeckel, Challenger Reports, xxviii. 83.

## Family DESMOPHYIDÆ.

**Desmalia**, Haeckel, 1888.*imbricata*, Haeckel. Challenger Reports, xxviii. 169.

## Family DIPHYIDÆ.

**Diphyes**, Cuvier, 1817.*appendicularia*, Eschscholtz. Hutton, T.N.Z.I. xii. 274.

## Family AGALMIDÆ.

**Stephanomia**, Péron and Lesueur, 1807.*imbricata*, Quoy and Gaimard. Voy. Astrolabe, iv. 71.

## Family DISCOLABIDÆ.

**Physophora**, Forskal, 1775.*australis*, Quoy and Gaimard. Hutton, T.N.Z.I. xii. 274.

## Family STEPHALIDÆ.

**Stephonalia**, Haeckel, 1888.*bathypysa*, Haeckel. Challenger Reports, xxviii. 299.

## Family PHYSALIDÆ.

**Physalia**, Lamarck, 1818.*utriculus*, Eschscholtz. Haeckel, Challenger Reports, xxviii. 351.

## Order HYDROCORALLINA.

## Family STYLASTERIDÆ.

**Styaster**, Gray, 1831.*erubescens*, Pourtales. Moseley, Challenger Reports, ii. 81.  
*gracilis*, H. Milne-Edwards and Haime. Moseley, Challenger Reports, ii. 81.*lævis*, Studer. Moseley, Challenger Reports, ii. 81.*sanguineus*, Valenciennes. Lendenfeld, P.L.S.N.S.W. ix. 615.**Allopora**, Ehrenberg, 1834.*profunda*, Moseley. Challenger Reports, ii. 62.**Cryptohelia**, H. Milne-Edwards and Haime.*pudica*, H. Milne-Edwards and Haime. Moseley, Challenger Reports, ii. 71.**Conopora**, Moseley, 1881.*tenuis*, Moseley. Challenger Reports, ii. 82.**Errina**, Gray, 1835.

[Two species are in the Canterbury Museum.]

## Order HYDROIDÆ.

## Sub-order GYMNOBLASTEA.

## Family CLAVIDÆ.

**Tubiclava**, Allman, 1862.*rubra*, Farquhar. T.N.Z.I. xxvii. 209.*fruticosa*, Allman. Hilgendorf, T.N.Z.I. xxx. 201.**Cordylophora**, Allman, 1844.*lacustris* (?), Hamilton. N.Z. Jour. Science, i. 419.

## Family CORYNIDÆ.

**Coryne**, Lamarck, 1801.*tenella*, Farquhar. T.N.Z.I. xxvii. 208.

## Family EUDENDRIDÆ.

**Eudendrium**, Ehrenberg, 1834.*novæ-zealandiæ*, Marktanner-Turneretscher. Farquhar, T.N.Z.I. xxviii. 459.

## Family BOUGAINVILLIDÆ.

**Hemitheca**, Hilgendorf, 1898.*intermedia*, Hilgendorf. T.N.Z.I. xxx. 202.

## Family TUBULARIIDÆ.

**Tubularia**, Linnæus, 1756.*attenuoides*, Coughtrey. T.N.Z.I. viii. 302; Hilgendorf, T.N.Z.I. xxx. 202.**Pelagohydra**, Dendy, 1902.*mirabilis*, Dendy. Q.J.M.S. xlvi. 1.

## Sub-order CALYPTOBLASTEA.

## Family CAMPANULARIIDÆ.

**Eucopella**, Lendenfeld, 1883.*crenata*, Hartlaub.**C. caliculata** var. *makrogona*, Lendenfeld. Farquhar, T.N.Z.I. xxviii. 459.**Hypantha**, Allman, 1876.*bilabiata*, Coughtrey. Farquhar, T.N.Z.I. xxviii. 460; Hilgendorf, T.N.Z.I. xxx. 213.*asymmetrica*, Hilgendorf. T.N.Z.I. xxx. 212.**Campanularia**, Lamarck, 1816.*carduella*, Allman. Farquhar, T.N.Z.I. xxviii. 460.*fruticosa*, Esper. Farquhar, T.N.Z.I. xxviii. 460.**Obelia**, Lamarck, 1821.*geniculata*, Linnæus. Farquhar, T.N.Z.I. xxviii. 460.*australis*, Lendenfeld. Farquhar, T.N.Z.I. xxviii. 460.*pygmæa*, Coughtrey. Farquhar, T.N.Z.I. xxviii. 460.*nigrocaulus*, Hilgendorf. T.N.Z.I. xxx. 203.**Hebella**, Allman, 1888.*scandens*, Bale. Farquhar, T.N.Z.I. xxviii. 460.**Calycella**,*parkeri*, Hilgendorf. T.N.Z.I. xxx. 205.**Clytia**, Lamarck, 1812.*elongata*, Marktanner-Turneretscher (gen. dub.). Farquhar, T.N.Z.I. xxviii. 461.*johnstoni*, Alder. Hartlaub, Zoologischen Jahrbüchern, xiv. 364.**Eucope**, Geg., 1856.*annulata*, Lendenfeld. Farquhar, T.N.Z.I. xxviii. 461.**Thyroscyphus**, Allman, 1877.*tridentatus*, Bale. Hartlaub, Zoologischen Jahrbüchern, xiv. 364.

## Family PERISIPHONIIDÆ.

**Lafoea**, Lamouroux, 1821.*cylindrica*, Lendenfeld. Farquhar, T.N.Z.I. xxviii. 461.*dumosa*, Coughtrey (sp. dub.). Farquhar, T.N.Z.I. xxviii. 461.

**Cryptolaria**, Busk, 1857.

*gracilis*, Allman. Farquhar, T.N.Z.I. xxviii. 461.

**Perisiphonia**, Allman, 1888.

*pectinata*, Allman. Farquhar, T.N.Z.I. xxviii. 461.

Family HALECIIDÆ.

**Halecium**, Oken, 1815.

*delicatula*, Coughtrey. Farquhar, T.N.Z.I. xxviii. 461.

*parvulum*, Bale. Farquhar, T.N.Z.I. xxviii. 461.

Family SERTULARIIDÆ.

**Sertularia**, Linnæus, 1748.

*elongata*, Lamouroux. Farquhar, T.N.Z.I. xxviii. 461.

*bispinosa*, Gray. Farquhar, T.N.Z.I. xxviii. 462.

*crinis*, Allman. Farquhar, T.N.Z.I. xxviii. 462.

*trispinosa*, Coughtrey. Farquhar, T.N.Z.I. xxviii. 462.

*ramulosa*, Coughtrey. Farquhar, T.N.Z.I. xxviii. 462.

*operculata*, Linnæus. Farquhar, T.N.Z.I. xxviii. 462.

*minima*, Thompson. Farquhar, T.N.Z.I. xxviii. 462.

*unguiculata*, Busk. Farquhar, T.N.Z.I. xxviii. 463.

*simplex*, Lendenfeld. Farquhar, T.N.Z.I. xxviii. 463.

*huttoni*, Marktanner-Turneretscher. Farquhar, T.N.Z.I.

  xxviii. 463.

*unilateralis*, Allman. Farquhar, T.N.Z.I. xxviii. 463.

*australis*, Thompson. Lendenfeld, P.L.S.N.S.W. ix. 408.

**Diphasia**, Agassiz, 1862.

*symmetrica*, Lendenfeld. P.L.S.N.S.W. ix. 414.

**Sertularella**, Gray, 1848.

*johnstoni*, Gray. Farquhar, T.N.Z.I. xxviii. 463.

*capillaris*, Allman. Farquhar, T.N.Z.I. xxviii. 463.

*polyzonias*, Linnæus. Farquhar, T.N.Z.I. xxviii. 463.

*robusta*, Coughtrey. Farquhar, T.N.Z.I. xxviii. 464.

*pygmæa*, Bale. Farquhar, T.N.Z.I. xxviii. 464.

*ramosa*, Thompson. Farquhar, T.N.Z.I. xxviii. 464.

*exigua*, Thompson. Farquhar, T.N.Z.I. xxviii. 464.

*integra*, Allman. Farquhar, T.N.Z.I. xxviii. 464.

*muelleri*, Kirchenpauer. Farquhar, T.N.Z.I. xxviii. 464.

*episcopus*, Allman. Farquhar, T.N.Z.I. xxxviii. 464.

*tenella*, Alder. Hartlaub, Zoologischen Jahrbüchern, xiv. 370.

*solidula*, Bale. Hartlaub, Zoologischen Jahrbüchern, xiv. 371.

*fusiformis*, var. *nana*, Hartlaub. Zoologischen Jahrbüchern, xiv. 372.

**Thuiaria**, Fleming, 1828.

*zelandica*, Gray. Farquhar, T.N.Z.I. xxviii. 464.

*monilifera*, Hutton. Farquhar, T.N.Z.I. xxviii. 465.

*subarticulata*, Coughtrey. Farquhar, T.N.Z.I. xxviii. 465.

*quadridens*, Bale. Farquhar, T.N.Z.I. xxviii. 465.

**Selaginopsis**, Allman, 1876.

*novæ-zealandiæ*, Thompson. Farquhar, T.N.Z.I. xxviii. 465.

**Desmocystus**, Allman, 1876.

*buskii*, Allman. Farquhar, T.N.Z.I. xxviii. 465.

**Hydrallmania**, Hincks, 1869.

*bicalicula*, Coughtrey (Gen. dub.). Farquhar, T.N.Z.I. xxviii. 465.

Family SYNTHECIDÆ.

**Synthecium**, Allman, 1876.

*elegans*, Allman. Farquhar, T.N.Z.I. xxviii. 465.

*ramosum*, Allman. Farquhar, T.N.Z.I. xxviii. 465.

*campylocarpum*, Allman. Farquhar, T.N.Z.I. xxviii. 466.

Family PLUMULARIIDÆ.

**Plumularia**, Lamarck, 1815.

*setacea*, Ellis. Farquhar, T.N.Z.I. xxviii. 466.

*spinulosa*, Bale. Farquhar, T.N.Z.I. xxviii. 466.

*turgida*, Bale. Farquhar, T.N.Z.I. xxviii. 466.

*campanula*, Busk. Farquhar, T.N.Z.I. xxviii. 466.

*multinoda*, Allman. Farquhar, T.N.Z.I. xxviii. 466.

*simplex*, Coughtrey (Gen. dub.). Farquhar, T.N.Z.I. xxviii. 466.

*tripartita*, Lendenfeld. P.L.S.N.S.W. ix. 477.

**Antennularia**, Lamarck, 1816.

*antennina*, Linnæus. Farquhar, T.N.Z.I. xxviii. 466.

Family AGLAOPHENIIDÆ.

**Aglaphenia**, Lamarck, 1812.

*incisa*, Coughtrey. Farquhar, T.N.Z.I. xxviii. 467.

*banksii*, Gray. Farquhar, T.N.Z.I. xxviii. 467.

*huttoni*, Coughtrey. Farquhar, T.N.Z.I. xxviii. 467.

*acanthocarpa*, Allman. Farquhar, T.N.Z.I. xxviii. 467.

*laxa*, Allman. Farquhar, T.N.Z.I. xxviii. 467.

*formosa*, Busk. Farquhar, T.N.Z.I. xxviii. 467.

*filicula*, Allman. Hilgendorf, T.N.Z.I. xxx. 215.

Family IDIIDÆ.

**Idia**, Lamarck, 1816.

*pristis*, Lamouroux. Farquhar, T.N.Z.I. xxviii. 467.

Sub-order ELEUTHEROBLASTEA.

Family HYDRIDÆ.

**Hydra**, Linnæus, 1756.

*viridis*, Linnæus. Farquhar, T.N.Z.I. xxviii. 468.

## PHYLUM, PORIFERA.

### CLASS, CALCAREA.

#### Order HOMOCOELA.

##### Family LEUCOSOLENIDÆ.

**Leucosolenia**, Bowerbank, 1862.

- lucasii*, Dendy. T.N.Z.I. xxvi. 178.
- echinata*, Kirk. T.N.Z.I. xxvi. 177.
- cerebrum*, Haeckel. T.N.Z.I. xxviii. 207.
- challengeri*, Polejaeff. T.N.Z.I. xxviii. 207.
- clathrus*, Schmidt. T.N.Z.I. xxviii. 206.
- depressa*, Dendy. T.N.Z.I. xxviii. 209.
- intermedia*, Kirk. T.N.Z.I. xxviii. 208.
- laxa*, Kirk. T.N.Z.I. xxviii. 208.
- proxima*, Dendy. T.N.Z.I. xxviii. 207.
- rosea*, Kirk. T.N.Z.I. xxviii. 209.

#### Order HETEROCOELA.

##### Family LEUCASCIDÆ.

**Leucascus**, Dendy, 1892.

- simplex*, Dendy. T.N.Z.I. xxx. 313.

##### Family SYCETTIDÆ.

**Sycon**, Risso, 1827.

- dendyi*, Kirk. T.N.Z.I. xxvii. 287.
- inconspicua*, Lendenfeld. P.L.S.N.S.W. 1885, 1093.
- ornatum*, Kirk. T.N.Z.I. xxix. 314.
- pedicellatum*, Kirk. T.N.Z.I. xxix. 313.
- 3 sp. innominata.

##### Family GRANTIDÆ.

**Lamontia**, Kirk, 1894.

- zona*, Kirk. T.N.Z.I. xxvii. 289.

**Leucandria**, Haeckel, 1872.

Species innominata.

**Grantessa**, Lendenfeld, 1885.

- intus-articulata*, Carter.

**Vosmaeropsis**, Dendy, 1892.

- macera*, Carter.

## CLASS, SILICEA.

## Sub-class HEXACTINELLA.

## Family EUPLECTELLIDÆ.

**Walteria**, Schulze, 1887.**flemmingii**, Schulze. Challenger Reports, xxi. 96.

## Family ROSELLIDÆ.

**Euryplegma**, Schulze, 1887.**auriculare**, Schulze. Challenger Reports, xxi. 176.**Aulochone**, Schulze, 1887.**cylindrica**, Schulze. Challenger Reports, xxi. 168.

## Family HYALONEMATIDÆ.

**Poliopogon**, Wyville-Thomson, 1877.**gigas**, Schulze. Challenger Reports, xxi. 254.

## Family FARREIDÆ.

**Farrea**, Bowerbank, 1862. Challenger Reports, xxi. 277.

## Family COSCINOSPORIDÆ.

**Chonelasma**, Schulze, 1887.**lamella**, Schulze. Challenger Reports, xxi. 321.**hamatum**, Schulze. Challenger Reports, xxi. 323.

## Sub-class TRIAXONIA.

## Order HEXACERATINA.

## Family APLYSYLLIDÆ.

**Dendrilla**, Lendenfeld, 1883.**rosea**, Lendenfeld. Cat. Sponges in Aust. Mus. 28.

## Sub-class TETRAZONIA.

## Order CHONDROSPONGIA.

## Family TETHYDÆ.

**Tethya**, Lamarck, 1816.**fissurata**, Lendenfeld. Cat. Sponges in Aust. Mus. 48.

## Family STELETTIDÆ.

**Tethyopsis**, Stewart, 1870.**radiata**, Marshall. Challenger Reports, xxv. 190.

## Family AXINELLIDÆ.

**Axinella**, Schmidt, 1862.**sinclairi**, Gray. T.N.Z.I. xxx. 317.

## Family SPONGILIDÆ.

**Spongilla**, Lamarck, 1816.**lacustris**, Johnston. N.Z. Jour. Sci. i. 383 and 572.

## Order CORNACUSPONGIA.

## Family DESMACIDONIDÆ.

**Cladorhiza**, Sars, 1872.*pentacrini*, Dendy. A.M.N.H. 5, xx. 279.**Myxilla**, Schmidt, 1862.*frondosa*, Ridley and Dendy. Challenger Reports, xx. 144.**Clathria**, Schmidt, 1862.*macropora*, Lendenfeld. Cat. Sponges in Aust. Mus. 221.**Rhaphidophlus**, Ehlers, 1870.*anchoratum*, *var. lamellosus*, Lendenfeld. Cat. Sponges in Aust. Mus. 220 (*Echinonema*).

## Family HETERORRAPHIDÆ.

**Stylotella**, Lendenfeld, 1888.*digitata*, Lendenfeld. Cat. Sponges in Aust. Mus. 185.

## Family SPONGELIDÆ.

**Sigmatella**, Lendenfeld, 1888.*corticata*, *var. papillosa*, Marshall. Lendenfeld, Man. Horny Sponges, 620.**Psammopemma**, Marshall, 1880.*crassum*, Carter. Lendenfeld, Man. Horny Sponges, 638.**Haastia**, Lendenfeld, 1889.*navicularis*, Lendenfeld. Man. Horny Sponges, 628.**Spongelia**, Nardo, 1834.*ramsayi*, Lendenfeld. Cat. Sponges in Aust. Mus. 209.*varia*, Gray. T.N.Z.I. xxx. 319.*elastica*, Schulze, *var. lobosa*, Lendenfeld. A.M.N.H. 6, xix. 124.

## Family HOMORRAPHIDÆ.

**Chalina**, Grant, 1861.*ramosa*, Gray. T.N.Z.I. xxx. 318.**Cacochalina**, Schmidt, 1870.*pandæa*, Lendenfeld. Zool. Jahrb. 1887, ii. 763.*velinae*, Lendenfeld. Zool. Jahrb. 1887, ii. 762.*truncatella*, Lendenfeld. Zool. Jahrb. 1887, ii. 763.*typica*, Lendenfeld. Zool. Jahrb. 1887, ii. 764.**Cladochalina**, Schmidt, 1870.*dendroides*, Lendenfeld. Zool. Jahrb. 1887, ii. 769.*mammillata*, Lendenfeld. Zool. Jahrb. 1887, ii. 769.*tenuiraphis*, Lendenfeld. Zool. Jahrb. 1887, ii. 769.**Pachychalina**, Schmidt, 1868.*paucispina*, Lendenfeld. Zool. Jahrb. 1887, ii. 776.*ramulosa*, Lendenfeld. Zool. Jahrb. 1887, ii. 777.

**Pachychalina macrospina**, Lendenfeld. Zool. Jahrb. 1887, ii. 777.  
**elegans**, Lendenfeld. Zool. Jahrb. 1887, ii. 777.  
**rigida**, Lendenfeld. Zool. Jahrb. 1887, ii. 778.

**Ceraochalina**, Lendenfeld, 1887.  
**papillata**, Lendenfeld. Zool. Jahrb. 1887, ii. 780.  
**microrhaphis**, Lendenfeld. Zool. Jahrb. 1887, ii. 783.  
**multiformis**, Lendenfeld. Zool. Jahrb. 1887, ii. 783.  
**reteplax**, Lendenfeld. Zool. Jahrb. 1887, ii. 785.  
**extrema**, Lendenfeld. Zool. Jahrb. 1887, ii. 785.

**Antherochalina**, Lendenfeld, 1887.  
**renicroides**, Lendenfeld. Zool. Jahrb. 1887, ii. 788.  
**concentrica**, Lendenfeld. A.M.N.H. 6, xix. 124.

**Placochalina**, Lendenfeld, 1887.  
**arenosa**, Lendenfeld. Zool. Jahrb. 1887, ii. 791.

**Toxochalina**, Ridley, 1884.  
**folioides**, Lendenfeld. Zool. Jahrb. 1887, ii. 797.

**Phylosiphonia**, Lendenfeld, 1887.  
**pumila**, Lendenfeld. Zool. Jahrb. 1887, ii. 799.

**Dactylochalina**, Lendenfeld, 1885.  
**arenosa**, Carter. Zool. Jahrb. 1887, ii. 811.  
**candelabrum**, Lendenfeld. Zool. Jahrb. ii. 812.

**Euchalinopsis**, Lendenfeld, 1887.  
**oculata**, Lendenfeld. Zool. Jahrb. 1887, ii. 815.  
**minima**, Lendenfeld. Zool. Jahrb. 1887, ii. 816.

**Euchalina**, Lendenfeld, 1887.  
**paucispina**, Lendenfeld. Zool. Jahrb. 1887, ii. 818.

## Family SPONGIDÆ.

**Phyllospongia**, Ehlers, 1872.  
**perforata**, Hyatt. Lendenfeld, Man. Horny Sponges, 172.  
**macropora**, Lendenfeld. Man. Horny Sponges, 173.  
**papyracea**, Esper. Man. Horny Sponges, 187.  
**distans**, Lendenfeld. Man. Horny Sponges, 189.  
**arbuscula**, Lendenfeld. Man. Horny Sponges, 190.  
**foliascens**, Pallas. Man. Horny Sponges, 196.  
**spiralis**, Lendenfeld. Man. Horny Sponges, 200.

**Chalinopsilla**, Lendenfeld, 1889.  
**australis**, var. **reticulata**, Lendenfeld. Cat. Sponges in  
 Aust. Mus. 105.  
**arborea**, var. **macropora**, Lendenfeld. Cat. Sponges in  
 Aust. Mus. 110.  
**arborea**, var. **massa**, Lendenfeld. Man. Horny Sponges, 153.

**Euspongia**, Bronn, 1859.

*irregularis*, *var. silicata*, Lendenfeld. Cat. Sponges in  
Aust. Mus. 134.

*irregularis*, *var. tenuis*, Lendenfeld. Man. Horny Sponges,  
251.

*irregularis*, *var. villosa*, Lendenfeld. Man. Horny Sponges,  
252.

**Hippospongia**, Schulze, 1879.

*equina*, *var. elastica*, Lendenfeld. Man. Horny Sponges,  
307.

*canaliculata*, *var. microtuba*, Lendenfeld. Man. Horny  
Sponges, 325.

**Thorecta**, Lendenfeld, 1888.

*exemplum*, *var. tertia*, Lendenfeld. Cat. Sponges in  
Aust. Mus. 145.

*squalidus*, Lendenfeld. Man. Horny Sponges, 348.

*meandrinus*, Lendenfeld. Man. Horny Sponges, 350.

*byssoides*, Lamarck. Man. Horny Sponges, 365.

**Aplysina**, Nardo, 1833.

*ramosa*, Lendenfeld. Man. Horny Sponges, 411.

*procumbens*, Lendenfeld. Man. Horny Sponges, 416.

*meandrina*, Lendenfeld. Man. Horny Sponges, 418.

**Stelospongia**, Schmidt, 1870.

*serta*, Lendenfeld. Man. Horny Sponges, 489.

*australis*, *var. conulata*, Lendenfeld. Man. Horny Sponges,  
516.

# PHYLUM, PROTOZOA.

## CLASS, INFUSORIA.

### Order TENTACULIFERA.

**Acineta**, Ehrenberg, 1832.

**speciosa**, Maskell. T.N.Z.I. xix. 60, and xx. 18.

**simplex**, Maskell. T.N.Z.I. xix. 61.

**flos**, Maskell. T.N.Z.I. xx. 17.

**angularis**, Maskell. T.N.Z.I. xx. 17.

**tulipa**, Maskell. T.N.Z.I. xx. 18.

**lasanicola**, Maskell. T.N.Z.I. xx. 18.

**Trichophyra**, Claparède and Lachmann, 1859.

**epistilidis**, Claparède and Lachmann. Maskell, T.N.Z.I. xx. 17.

**Sphærophryra**, Claparède and Lachmann, 1859.

**magna**, Maupas. Maskell, T.N.Z.I. xix. 60.

### Order CILIATA.

#### Sub-order HYPOTRICHA.

##### Family EUPLOTIDÆ.

**Euplotes**, Ehrenberg, 1832.

**patella**, Ehrenberg. Maskell, T.N.Z.I. xix. 60.

**charon**, Müller. Maskell, T.N.Z.I. xx. 17.

**Glaucoma**, Ehrenberg, 1830.

**scintillaris**, Ehrenberg. Maskell, T.N.Z.I. xix. 60.

**Aspidisca**, Ehrenberg, 1830.

**turrita**, Claparède and Lachmann. Maskell, T.N.Z.I. xix. 60.

##### Family OXYTRICHIDÆ.

**Stylonychia**, Ehrenberg, 1830.

**mytilus**, Ehrenberg. Maskell, T.N.Z.I. xix. 60.

**Histro**, Sterki.

**acuminatus**, Maskell. T.N.Z.I. xix. 59.

**Opisthotricha**, Saville-Kent, 1882.

**parallela**, Engelmann. Maskell, T.N.Z.I. xx. 17.

**Gastrostyla**, Engelmann, 1861.

**steinii**, Engelmann. Maskell, T.N.Z.I. xix. 59.

**Uroleptus**, Ehrenberg, 1832.  
*musculus*, Müller. Maskell, T.N.Z.I. xix. 59.

**Stichotricha**, Pertz, 1852.  
*remex*, Hudson. Maskell, T.N.Z.I. xix. 59.

**Keroma**, Müller, 1786.  
*polyporum*, Ehrenberg. Maskell, T.N.Z.I. xx. 16.

**Psilotricha**, Stein, 1859.  
*acuminata*, Stein. Maskell, T.N.Z.I. xix. 59.

#### Family DYSTERIADÆ.

**Ægyria**, Claparède and Lachmann.

*astyla*, Maskell. T.N.Z.I. xx. 15.

*distyla*, Maskell. T.N.Z.I. xx. 15.

#### Family CHLAMYDODONTIDÆ.

**Loxodes**, Ehrenberg, 1830.

*rostrum*, Ehrenberg. Maskell, T.N.Z.I. xix. 59.

**Chilodon**, Ehrenberg, 1834.

*cucullulus*, Müller. Maskell, T.N.Z.I. xix. 59.

**Phascolodon**, Stein.

*elongatus*, Maskell. T.N.Z.I. xx. 14.

#### Family LITONOTIDÆ.

**Litonotus**, Wrzesmiowski, 1870.

*fasciola*, Ehrenberg. Maskell, T.N.Z.I. xix. 59.

#### Family THUROPHORIDÆ.

**Thurophora**, Maskell, 1888.

*lucens*, Maskell. T.N.Z.I. xx. 16.

#### Sub-order PERITRICHA.

##### Family VORTICELLIDÆ.

**Vorticella**, Müller, 1773.

*annularis*, Müller. Kirk, T.N.Z.I. xviii. 215.

*longifilum*, Kent. Kirk, T.N.Z.I. xviii. 216.

*campanula*, Ehrenberg. Maskell, T.N.Z.I. xix. 58.

*cratera*, Kent. Maskell, T.N.Z.I. xix. 58.

*citrina*, Ehrenberg. Maskell, T.N.Z.I. xix. 58.

*zealandica*, Kirk. T.N.Z.I. xviii. 216.

*elongata*, De Fromentel. Maskell, T.N.Z.I. xix. 58.

*patellina*, Müller. Maskell, T.N.Z.I. xix. 58.

*nebulifera*, Ehrenberg. Maskell, T.N.Z.I. xix. 58.

*marina*, Greeff. Kirk, T.N.Z.I. xviii. 215.

*oblonga*, Kirk. T.N.Z.I. xviii. 215.

*striata*, Dujardin. Kirk, T.N.Z.I. xviii. 215.

*aperta*, De Fromentel. Kirk, T.N.Z.I. xviii. 217.

**Carchesium**, Ehrenberg, 1838.  
**polypinum**, Linnæus. Maskell, T.N.Z.I. xx. 13.

**Zoöthamnium**, Ehrenberg, 1838.  
**affine**, Stein. Maskell, T.N.Z.I. xix. 58.  
**limpidum**, Maskell. T.N.Z.I. xx. 13.

**Epistylis**, Ehrenberg, 1830.  
**leuca**, Ehrenberg. Maskell, T.N.Z.I. xix. 58.  
**anastatica**, Linnæus. Maskell, T.N.Z.I. xx. 13.

**Opercularia**, Goldfuss, 1820.  
**parallela**, Maskell. T.N.Z.I. xix. 58.  
**nutans**, Ehrenberg. Maskell, T.N.Z.I. xx. 13.

**Vaginicola**, Lamarck, 1816.  
**crystallina**, Ehrenberg. Maskell, T.N.Z.I. xix. 59.

**Thuricola**, Saville-Kent, 1881.  
**valvata**, Wright. Maskell, T.N.Z.I. xx. 13.

**Cothurnia**, Ehrenberg, 1832.  
**patellæ**, Hutton. T.N.Z.I. vi. 330.  
**parallela**, Maskell. T.N.Z.I. xx. 13.

**Pyxicola**, Saville-Kent, 1882.  
**furcifer**, Hutton. Jour. R. Micros. Soc. 1878, p. 49  
*(Cothurnia)*.

**Platycola**, Saville-Kent, 1882.  
**decumbens**, Ehrenberg. Maskell, T.N.Z.I. xx. 13.

Family URCEOLARIIDÆ.

**Licnophora**, Claparède, 1867.  
**setifera**, Maskell. T.N.Z.I. xix. 57.

Family GYROCORIDÆ.

**Gyrocoris**, Stein, 1867.  
**oxyura**, Stein. Maskell, T.N.Z.I. xix. 57.

**Urocentrum**, Nitzsch, 1817.  
**turbo**, Müller. Maskell, T.N.Z.I. xix. 57.

Family HALTERIIDÆ.

**Halteria**, Dujardin.  
**grandinella**, Müller. Maskell, T.N.Z.I. xix. 57.

**Strombidion**, Claparède and Lachmann, 1859.  
**claparedii**, Kent. Maskell, T.N.Z.I. xix. 57.  
**intermedium**, Maskell. T.N.Z.I. xx. 12.

## Sub-order HETEROTRICHA.

## Family TINTINNODÆ.

**Tintinnidium**, Saville-Kent, 1881.  
**fluviatile**, Stein. Maskell, T.N.Z.I. xx. 11.

## Family STENTORIDÆ.

**Stentor**, Oken, 1815.

- gracilis**, Maskell. T.N.Z.I. xix. 56.
- striatus**, Maskell. T.N.Z.I. xix. 57.
- attenuatus**, Maskell. T.N.Z.I. xx. 20.

## Family SPIROSTOMIDÆ.

**Spirostomum**, Ehrenberg, 1833.  
**ambiguum**, Ehrenberg. Maskell, T.N.Z.I. xix. 56.

## Family BURSARIIDÆ.

**Metopus**, Claparède and Lachmann, 1858.

- sigmoïdes**, Müller. Maskell, T.N.Z.I. xix. 56.

## Sub-order HOLOTRICHA.

## Family PLEURONEMIDÆ.

**Pleuronema**, Dujardin, 1836.

- coronata**, Kent. Maskell, T.N.Z.I. xix. 55.
- cyclidium**, Maskell. T.N.Z.I. xix. 56.

**Cyclidium**, Müller, 1786.

- glaucoma**, Ehrenberg. Maskell, T.N.Z.I. xix. 56.

**Uronema**, Dujardin.

- marinum**, Dujardin. Maskell, T.N.Z.I. xix. 56.

## Family OPHRYOGLENIDÆ.

**Colpidium**, Stein.

- cucullus**, Schrank. Maskell, T.N.Z.I. xix. 55.

**Plagiopyla**, Stein, 1860.

- varians**, Maskell. T.N.Z.I. xix. 55.

## Family TRACHELIIDÆ.

**Amphileptus**, Ehrenberg, 1830.

- anser**, Ehrenberg. Maskell, T.N.Z.I. xix. 55.
- irregularis**, Maskell. T.N.Z.I. xx. 9.
- rotundus**, Maskell. T.N.Z.I. xx. 9.
- tracheloides**, Maskell. T.N.Z.I. xx. 9.

## Family TRACHELOCERCIDÆ.

**Trachelocera**, Ehrenberg, 1834.

- filiformis**, Maskell. T.N.Z.I. xix. 54.

**Chœnia**, Quennerstedt.

- crassa**, Maskell. T.N.Z.I. xx. 8.

## Family ERCHELYIDÆ.

**Tillina**, Gruber, 1879.**enormis**, Maskell. T.N.Z.I. xix. 53.**inequalis**, Maskell. T.N.Z.I. xix. 54.

## Family COLEPIDÆ.

**Coleps**, Nitzsch, 1817.**hirtus**, Ehrenberg. Maskell, T.N.Z.I. xix. 53.

## Family TRACHELOPHYLLIDÆ.

**Trachelophyllum**, Claparède and Lachmann, 1859.**apiculatum**, Pertz. Maskell, T.N.Z.I. xix. 53.

## Family PRORODONTIDÆ.

**Prorodon**, Ehrenberg, 1834.**sulcatus**, Maskell. T.N.Z.I. xix. 53.**Nassula**, Ehrenberg, 1834.**ambigua**, Stein. Maskell, T.N.Z.I. xx. 8.

## Family PARAMOECIDÆ.

**Paramecium**, Hill, 1851.**aurelia**, Müller. Maskell, T.N.Z.I. xix. 53.**bursaria**, Ehrenberg. Maskell, T.N.Z.I. xix. 53.

## CLASS, MASTIGOPHORA.

## Order CHOANOFAGELLATA.

## Family SALPINGOECIDÆ.

**Salpingoeca**, Jas. Clark, 1866.**amphoridium**, Clark. Maskell, T.N.Z.I. xix. 51.**inquillata**, Kent. Maskell, T.N.Z.I. xx. 6.**steinii**, Kent. Maskell, T.N.Z.I. xx. 7.

## Family CODONOSIGIDÆ.

**Monosiga**, Saville-Kent.**consociata**, Kent. Maskell, T.N.Z.I. xix. 51.**breviceps**, Kent. Maskell, T.N.Z.I. xx. 6.**Codosiga**, Jas. Clark, 1866.**botrytis**, Ehrenberg. Maskell, T.N.Z.I. xx. 6.

## Order FLAGELLATA.

## Sub-order CILIO-FLAGELLATA.

## Family PERIDINIIDÆ.

**Gymnodinium**, Stein, 1879**varians**, Maskell. T.N.Z.I. xx. 7.**Peridinium**, Ehrenberg, 1832.**tabulatum**, Ehrenberg. Maskell, T.N.Z.I. xix. 52.

## Sub-order EUSTOMATA.

## Family ANISONEMIDÆ.

**Anisonema**, Dujardin.*grande*, Ehrenberg. Maskell, T.N.Z.I. xx. 7.*ovatum*, Maskell. T.N.Z.I. xx. 7.

## Family ZYGOSELMIDÆ.

**Sterromonas**, Saville-Kent, 1880.*formicina*, Kent. Maskell, T.N.Z.I. xix. 52.

## Family CHRYSOMONADIDÆ.

**Uvella**, Bory, 1824.*virescens*, Ehrenberg. Maskell, T.N.Z.I. xix. 52.**Dinobryon**, Ehrenberg, 1834.*sertularia*, Ehrenberg. Maskell, T.N.Z.I. xix. 52.

## Family EUGLENIDÆ.

**Euglena**, Ehrenberg, 1832.*viridis*, Ehrenberg. Maskell, T.N.Z.I. xix. 52.*spiropyra*, Ehrenberg. Maskell, T.N.Z.I. xix. 52.*acus*, Ehrenberg. Maskell, T.N.Z.I. xix. 52.**Amblyophis**, Ehrenberg, 1832.*viridis*, Ehrenberg. Maskell, T.N.Z.I. xix. 52.**Phacus**, Nitzsch, 1816.*triqueter*, Ehrenberg. Maskell, T.N.Z.I. xix. 52.**Trachelomonas**, Ehrenberg, 1834.*volvocina*, Ehrenberg. Maskell, T.N.Z.I. xix. 52.*armata*, Ehrenberg. Maskell, T.N.Z.I. xix. 52.*crenulatocollis*, Maskell. T.N.Z.I. xix. 52.*hispida*, Pertz. Maskell, T.N.Z.I. xx. 7.*teres*, Maskell. T.N.Z.I. xx. 7.*cylindrica*, Ehrenberg. Maskell, T.N.Z.I. xx. 7.

## Family ASTASIADÆ.

**Astasia**, Ehrenberg, 1830.*trichophora*, Ehrenberg. Maskell, T.N.Z.I. xix. 52.

## Family PARAMONADIDÆ.

**Phialonema**, Stein.*cyclostomum*, Stein. Maskell, T.N.Z.I. xix. 52.

## Sub-order PANTOSTOMATA.

## Family HETEROMITIDÆ.

**Heteromita**, Dujardin, 1840.*lens*, Müller. Maskell, T.N.Z.I. xix. 51.

## Family SPONGOMONADIDÆ.

**Rhipidodendron**, Stein.    *huxleyi*, Kent. Maskell, T.N.Z.I. xix. 51.    *splendidum*, Stein. Maskell, T.N.Z.I. xx. 6.**Spongomonas**, Stein.    *discus*, Stein. Maskell, T.N.Z.I. xix. 51.    *sacculus*, Kent. Maskell, T.N.Z.I. xix. 51.

## Family AMPHIMONADIDÆ.

**Goniomonas**, Stein.    *truncata*, Fres. Maskell, T.N.Z.I. xix. 51.    *elongata*, Maskell. T.N.Z.I. xx. 5.

## Family BIKOCIDÆ.

**Stylobryon**, Fromentel, 1875.    *petiolatum*, Dujardin. Maskell, T.N.Z.I. xx. 5.

## Family DENDROMONADIDÆ.

**Dendromonas**, Stein.    *virgaria*, Weisse. Maskell, T.N.Z.I. xix. 51.    *producta*, Maskell. T.N.Z.I. xx. 5.**Anthophysis**, Bory, 1822.    *socialis*, Fromentel. Maskell, T.N.Z.I. xix. 51.    *vegetans*, Müller. Maskell, T.N.Z.I. xix. 51.**Cephalothamnium**, Stein.    *coronatum*, Maskell. T.N.Z.I. xx. 5.

## Family CERCOMONADIDÆ.

**Oikomonas**, Saville-Kent, 1880.    *mutabilis*, Kent. Maskell, T.N.Z.I. xix. 50.    *termo*, Clark. Maskell, T.N.Z.I. xx. 5.

## Family MONADIDÆ.

**Monas**, Müller, 1773.    *fluida*, Dujardin. Maskell, T.N.Z.I. xix. 50.    *attenuata*, Dujardin. Maskell, T.N.Z.I. xix. 50.    *irregularis*, Pertz. Maskell, T.N.Z.I. xx. 4.**Scytomonas**, Stein.    *pusilla*, Stein. Maskell, T.N.Z.I. xix. 50.

## CLASS, RHIZOPODA.

## Order FORAMINIFERA.

## Family MILIOLIDÆ.

**Nubecularia**, Defrance, 1825.    *lucifuga*, Defrance. Haeusler, T.N.Z.I. xix. 197.

**Biloculina**, d'Orbigny, 1826.

- irregularis*, d'Orbigny. Challenger Reports, ix. 140.
- sphæra*, d'Orbigny. Challenger Reports, ix. 141.
- ringens*, Lamarck. Challenger Reports, ix. 142.
- comata*, Brady. Challenger Reports, ix. 144.
- depressa*, d'Orbigny. Challenger Reports, ix. 145.
- var. serrata*, Brady. Challenger Reports, ix. 146.
- var. murrhyna*, Schwager. Challenger Reports, ix. 146.

**Spiroloculina**, d'Orbigny, 1826.

- Species undetermined. Haeusler, T.N.Z.I. xix. 197.

**Miliolina**, Williamson, 1858.

- oblonga*, Montagu. Challenger Reports, ix. 160.
- valvularis*, Reuss. Challenger Reports, ix. 161.
- venusta*, Karrer. Challenger Reports, ix. 162.
- tricarinata*, d'Orbigny. Challenger Reports, ix. 165.
- secans*, d'Orbigny. Haeusler, T.N.Z.I. xix. 198.
- circularis*, Bornemann. Challenger Reports, ix. 169.
- labiosa*, d'Orbigny. Haeusler, T.N.Z.I. xix. 198.
- bicornis*, Walker and Jacob. Haeusler, T.N.Z.I. xix. 198.
- seminulum*, Linnæus. Challenger Reports, ix. 157.
- linnæana*, d'Orbigny. Haeusler, T.N.Z.I. xix. 198.

**Planispirina**, Seguenza, 1880.

- celata*, Costa. Challenger Reports, ix. 197.
- sigmoidea*, Brady. Challenger Reports, ix. 197.

**Cornuspira**, Schultze, 1854.

- foliacea*, Philippi. Challenger Reports, ix. 199.

## Family ASTRORHIZIDÆ.

**Pelosina**, Brady, 1879.

- variabilis*, Brady. Challenger Reports, ix. 235.
- rotundata*, Brady. Challenger Reports, ix. 236.
- cylindrica*, Brady. Challenger Reports, ix. 236.

**Technitella**, Norman, 1875.

- melo*, Norman. Challenger Reports, ix. 246.

**Bathysiphon**, Sars, 1871.

- filiformis*, Sars. Challenger Reports, ix. 248.

**Psammosphæra**, Schulze, 1874.

- fusca*, Schulze. Challenger Reports, ix. 249.

**Jaccullela**, Brady, 1879.

- acuta*, Brady. Challenger Reports, ix. 255.

**Hyperammira**, Brady, 1878.

- friabilis*, Brady. Challenger Reports, ix. 258.
- ramosa*, Brady. Challenger Reports, ix. 261.

**Rhabdamina**, Sars, 1868.

- abyssorum**, Sars. Haeusler, T.N.Z.I. xix. 198.
- discreta**, Brady. Challenger Reports, ix. 268.
- linearis**, Brady. Challenger Reports, ix. 269.
- cornuta**, Brady. Challenger Reports, ix. 270.

## Family LITUOLIDÆ.

**Reophax**, Montfort, 1808.

- diffulgiformis**, Brady. Challenger Reports, ix. 289.
- scorpiurus**, Montfort. Challenger Reports, ix. 291.
- dentaliniformis**, Brady. Challenger Reports, ix. 293.
- nodulosa**, Brady. Challenger Reports, ix. 294.
- guttifera**, Brady. Challenger Reports, ix. 295.
- distans**, Brady. Challenger Reports, ix. 296.
- adunca**, Brady. Challenger Reports, ix. 296.

**Haplophragmium**, Reuss, 1860.

- agglutinans**, d'Orbigny. Challenger Reports, ix. 301.
- tenuimargo**, Brady. Challenger Reports, ix. 303.
- foliaceum**, Brady. Challenger Reports, ix. 304.
- emaciatum**, Brady. Challenger Reports, ix. 305.
- latidorsatum**, Bornemann. Challenger Reports, ix. 307.
- scitulum**, Brady. Challenger Reports, ix. 308.
- glomeratum**, Brady. Challenger Reports, ix. 309.
- canariense**, d'Orbigny. Haeusler, T.N.Z.I. xix. 198.
- nanum**, Brady. Challenger Reports, ix. 311.
- globigeriniforme**, Parker and Jones. Challenger Reports, ix. 312.

**Placopsilina**, d'Orbigny, 1850.

- bullocki**, Brady. Challenger Reports, ix. 315.

**Thurammina**, Brady, 1879.

- papillata**, Brady. Challenger Reports, ix. 321.

**Hormosina**, Brady, 1879.

- globulifera**, Brady. Challenger Reports, ix. 326.
- monile**, Brady. Challenger Reports, ix. 328.
- normani**, Brady. Challenger Reports, ix. 329.

**Ammodiscus**, Reuss, 1861.

- incertus**, d'Orbigny. Challenger Reports, ix. 330.
- tenuis**, Brady. Challenger Reports, ix. 332.
- charoides**, Jones and Parker. Challenger Reports, ix. 334.

**Trochammina**, Jones and Parker, 1859.

- squamata**, Jones and Parker. Challenger Reports, ix. 337.
- trullissata**, Brady. Challenger Reports, ix. 342.
- galeata**, Brady. Challenger Reports, ix. 344.
- pauciloculata**, Brady. Challenger Reports, ix. 344.

**Webbina**, d'Orbigny, 1839.*clavata*, Jones and Parker. Challenger Reports, ix. 349.*hemispherica*, Jones and Parker. Challenger Reports, ix. 350.**Cyclammina**, Brady, 1876.*cancellata*, Brady. Challenger Reports, ix. 351.*orbicularis*, Brady. Challenger Reports, ix. 353.

## Family TEXTULARIDÆ.

**Textularia**, Defrance, 1824.*quadrilatera*, Schwager. Challenger Reports, ix. 358.*concava*, Karrer. Challenger Reports, ix. 360.*sagittula*, Defrance. Challenger Reports, ix. 361.*agglutinans*, d'Orbigny. Challenger Reports, ix. 363.*aspera*, Brady. Challenger Reports, ix. 367.**Gaudryina**, d'Orbigny, 1840.*pupoides*, d'Orbigny. Challenger Reports, ix. 378.*siphonella*, Reuss. Challenger Reports, ix. 382.**Verneuilina**, d'Orbigny, 1840.*pygmæa*, Egger. Challenger Reports, ix. 385.*propinqua*, Brady. Challenger Reports, ix. 387.**Valvulina**, d'Orbigny, 1826.*concinna*, Jones and Parker. Haeusler, T.N.Z.I. xix. 198.**Clavulina**, d'Orbigny, 1826.*communis*, d'Orbigny. Challenger Reports, ix. 394.**Bulimina**, d'Orbigny, 1826.*elegans*, d'Orbigny. Challenger Reports, ix. 398.*pyrula*, d'Orbigny. Challenger Reports, ix. 399.*ovata*, d'Orbigny. Challenger Reports, ix. 400.*affinis*, d'Orbigny. Challenger Reports, ix. 400.*aculeata*, d'Orbigny. Challenger Reports, ix. 406.*inflata*, Seguenza. Challenger Reports, ix. 406.*buchiana*, d'Orbigny. Challenger Reports, ix. 407.**Virgulina**, d'Orbigny, 1826.*schreibersiana*, Czjzek. Challenger Reports, ix. 414.*subsquamosa*, Egger. Challenger Reports, ix. 415.*subdepressa*, Brady. Challenger Reports, ix. 416.**Bolivina**, d'Orbigny, 1839.*punctata*, d'Orbigny. Haeusler, T.N.Z.I. xix. 198.*textilarioides*, Reuss. Challenger Reports, ix. 419.**Cassidulina**, d'Orbigny, 1826.*subglobosa*, Brady. Challenger Reports, ix. 430.**Ehrenbergina**, Reuss, 1849.*serrata*, Reuss. Challenger Reports, ix. 434.

## Family CHILOSTOMELLIDÆ.

**Chilostomella**, Reuss, 1849.*ovoidea*, Reuss. Challenger Reports, ix. 436.

## Family LAGENIDÆ.

**Lagena**, Williamson, 1848.*globosa*, Montagu. Challenger Reports, ix. 452.*apiculata*, Reuss. Haeusler, T.N.Z.I. xix. 198.*lævis*, Montagu. Challenger Reports, ix. 455.*truncata*, Brady. Challenger Reports, ix. 457.*hispida*, Reuss. Challenger Reports, ix. 459.*striata*, d'Orbigny. Challenger Reports, ix. 460.*acuticosta*, Reuss. Challenger Reports, ix. 464.*gracilis*, Williamson. Challenger Reports, ix. 464.*striato-punctata*, Jones and Parker. Haeusler, T.N.Z.I. xix. 198.*squamosa*, Montagu. Challenger Reports, ix. 471.*hexagona*, Williamson. Challenger Reports, ix. 472.*marginata*, Walker and Boys. Challenger Reports, ix. 476.*var. semi-marginata*, Reuss. Challenger Reports, ix. 477.*quadricostulata*, Reuss. Challenger Reports, ix. 486.*auriculata*, Brady. Challenger Reports, ix. 487.**Nodosaria**, Lamarck, 1816.*lævigata*, d'Orbigny. Challenger Reports, ix. 490.*radicula*, Linnæus. Challenger Reports, ix. 495.*simplex*, Silvestri. Challenger Reports, ix. 496.*soluta*, Reuss. Challenger Reports, ix. 503.*communis*, d'Orbigny. Challenger Reports, ix. 504.*obliqua*, Linnæus. Challenger Reports, ix. 513.**Vaginulina**, d'Orbigny, 1826.*spinigera*, Brady. Challenger Reports, ix. 531.**Cristellaria**, Lamarck, 1816.*compressa*, d'Orbigny. Challenger Reports, ix. 538.*reniformis*, d'Orbigny. Challenger Reports, ix. 539.*rotulata*, Lamarck. Challenger Reports, ix. 547.*culturata*, Montfort. Challenger Reports, ix. 550.**Polymorphina**, d'Orbigny, 1826.*angusta*, Egger. Challenger Reports, ix. 563.**Uvigerina**, d'Orbigny, 1826.*tenuistriata*, Reuss. Challenger Reports, ix. 574.*angulosa*, Williamson. Challenger Reports, ix. 576.*aculeata*, d'Orbigny. Challenger Reports, ix. 578.*asperula*, Czjzek. Challenger Reports, ix. 578.*var. auberiana*, d'Orbigny. Challenger Reports, ix. 579.

## Family GLOBIGERINIDÆ.

**Globigerina**, d'Orbigny, 1826.*bulloides*, d'Orbigny. Challenger Reports, ix. 593.*var. triloba*, Reuss. Challenger Reports, ix. 595.*dubia*, Egger. Challenger Reports, ix. 595.*inflata*, d'Orbigny. Challenger Reports, ix. 601.*æquilateralis*, Brady. Challenger Reports, ix. 605.**Orbulina**, d'Orbigny, 1839.*universa*, d'Orbigny. Challenger Reports, ix. 608.**Pullenia**, Parker and Jones, 1862.*sphæroides*, d'Orbigny. Challenger Reports, ix. 615.*quinqueloba*, Reuss. Challenger Reports, ix. 617.*obliquiloculata*, Parker and Jones. Challenger Reports, ix. 618.**Sphæroidina**, d'Orbigny, 1826.*bulloides*, d'Orbigny. Challenger Reports, ix. 620.*dehiscens*, Parker and Jones. Challenger Reports, ix. 621.

## Family ROTALIDÆ.

**Patellina**, Williamson, 1858.*corrugata*, Williamson. Haeusler, T.N.Z.I. xix. 198.**Discorbina**, Parker and Jones, 1862.*turbo*, d'Orbigny. Haeusler, T.N.Z.I. xix. 199.*globularis*, d'Orbigny. Haeusler, T.N.Z.I. xix. 199.*valvulata*, d'Orbigny. Haeusler, T.N.Z.I. xix. 199.*rosacea*, d'Orbigny. Haeusler, T.N.Z.I. xix. 199.*orbicularis*, Terquem. Haeusler, T.N.Z.I. xix. 199.**Truncatulina**, d'Orbigny, 1826.*lobatula*, Walker and Jacob. Challenger Reports, ix. 660.*muellerstorfi*, Schwager. Challenger Reports, ix. 662.*akneriana*, d'Orbigny. Challenger Reports, ix. 663.*tenera*, Brady. Challenger Reports, ix. 665.*pygmæa*, Hantken. Challenger Reports, ix. 666.**Pulvinulina**, Parker and Jones, 1862.*repanda*, Fichtel and Moll. Haeusler, T.N.Z.I. xix. 199.*canariensis*, d'Orbigny. Challenger Reports, ix. 692.*crassa*, d'Orbigny. Challenger Reports, ix. 694.*micheliniiana*, d'Orbigny. Challenger Reports, ix. 694.*exigua*, Brady. Challenger Reports, ix. 696.*pauperata*, Parker and Jones. Challenger Reports, ix. 696.*elegans*, d'Orbigny. Challenger Reports, ix. 699.**Rotalia**, Lamarck, 1804.*beccarii*, Linnæus. Haeusler, T.N.Z.I. xix. 199.*orbicularis*, d'Orbigny. Challenger Reports, ix. 706.

**Rotalia soldani**, d'Orbigny. Challenger Reports, ix. 706.  
**clathrata**, Brady. Challenger Reports, ix. 709.

Family NUMMULINIDÆ.

**Nonionina**, d'Orbigny, 1826.

**depressula**, Walker and Jacob. Haeusler, T.N.Z.I. xix. 199.  
**scapha**, Fichtel and Moll. Haeusler, T.N.Z.I. xix. 199.  
**asteriscus**, Walker and Jacob. Haeusler, T.N.Z.I. xix. 199.  
**umbilicatula**, Montagu. Challenger Reports, ix. 726.  
**pompiroides**, Fichtel and Moll. Challenger Reports, ix. 727.

**Polystomella**, Lamarck, 1822.

**striatopunctata**, Fichtel and Moll. Haeusler, T.N.Z.I.  
 xix. 199.  
**crispa**, Linnæus. Haeusler, T.N.Z.I. xix. 199.  
**macella**, Fichtel and Moll. Haeusler, T.N.Z.I. xix. 199.

Order RADIOLARIA.

Sub-order SPUMELLARIA.

Series COLLODARIA.

Family THALASSICOLIDÆ.

**Thalassicolla**, Huxley, 1851.

**australis**, Haeckel. Challenger Reports, xviii. 20.

**Collozoum**, Haeckel, 1862.

**inerme**, Haeckel. Challenger Reports, xviii. 25.

Family SPHÆOZOÏDÆ.

**Rhaphidozoum**, Haeckel, 1862.

**australe**, Haeckel. Challenger Reports, xviii. 48.

Series SPHÆRELLARIA.

Family COLLOSPHÆRIDÆ.

**Siphonosphæra**, Müller, 1858.

**fragilis**, Haeckel. Challenger Reports, xviii. 106.

Family DRUPPULIDÆ.

**Stylatractus**, Haeckel, 1887.

**disetaneus**, Haeckel. Challenger Reports, xviii. 331.

Series ACANTHOMETRA.

Family ASTROLOPHIDÆ.

**Actinelius**, Haeckel, 1865.

**protogenes**, Haeckel. Challenger Reports, xviii. 730.

Sub-order ACANTHARIA.

Series ACANTHOMETRA.

Family ASTROLONCHIDÆ.

**Stauracantha**, Haeckel, 1881.

**orthostaura**, Haeckel. Challenger Reports, xviii. 762.

**Pristacantha**, Haeckel, 1887.  
**polyodon**, Haeckel. Challenger Reports, xviii. 766.

Series ACANTHOPHRACTA.  
 Family DORATASPIDÆ.

**Dodecaspis**, Haeckel, 1887.  
**trizonia**, Haeckel. Challenger Reports, xviii. 835.

Sub-order NASELLARIA.  
 Series PLECTELLARIA.  
 Family PLAGONIDÆ.

**Hexaplagia**, Haeckel, 1881.  
**australis**, Haeckel. Challenger Reports, xviii. 916.

Series CYRELLARIA.  
 Family TRIPOCYRTIDÆ.

**Lampromitra**, Haeckel, 1881.  
**huxleyi**, Haeckel. Challenger Reports, xviii. 1215.

Sub-order PHÆODARIA.  
 Series PHÆOCYSTINA.  
 Family AULACANTHIDÆ.

**Aulodendron**, Haeckel, 1887.  
**australe**, Haeckel. Challenger Reports, xviii. 1589.

Series PHÆOGROMIA.  
 Family CASTANELLIDÆ.

**Castanidium**, Haeckel, 1879.  
**bromleyi**, Haeckel. Challenger Reports, xviii. 1685.

Order LOBOSA.  
 Family AMOEVIDÆ.

**Amœba**, Ehrenberg, 1830.  
 Several undetermined species.

## ADDITIONS.

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### AVES.

Page 29.—*Cyanorhamphus forbesi*, Rothschild. P.Z.S. 1893, 529.  
„ 32.—*Himantopus leucocephalus*, Gould. C.B.M. xxiv. 317; Buller, ii. 211.  
„ 38.—*Anchylochilus subarquatus*, Gildenst. C.B.M. xxiv. 386; T.N.Z.I. xxxvi.

### PISCES.

„ 44.—*Centrolophus britannicus*, Gunther. Cat. Fishes B.M. ii. 402; T.N.Z.I. xxxvi.  
„ 49.—*Genypterus microstomus*, Regan. A.M.N.H. 7, xi. 599.

### MOLLUSCA.

„ 63.—*Ranfurlyea constanciae*, Suter. P.Mal.S. 1903.  
„ 70.—*Cavolina uncinata*, Rang et Souleyet. Hist. Nat. Moll. Ptéropodes, 37.  
*longirostris*, Lesueur. Rang et Souleyet, Hist. Nat. Moll. Ptéropodes, 41.  
*trispinosus*, Lesueur. Rang et Souleyet, Hist. Nat. Moll. Ptéropodes, 45.

### COLEOPTERA.

„ 139.—*Lissotes auriculatus*, Broun. A.M.N.H. 7, xi. 615.  
„ 139.—*Mitophyllus comognathus*, Broun. A.M.N.H. 7, xi. 616.  
„ 142.—*Mecodema costellatum*, Broun. A.M.N.H. 7, xi. 451.  
*intricatum*, Broun. A.M.N.H. 7, xi. 451.  
*nitidum*, Broun. A.M.N.H. 7, xi. 452.  
*varioulosum*, Broun. A.M.N.H. 7, xi. 453.

Page 143.—*Metaglymma rugiceps*, Broun. A.M.N.H. 7, xi. 454.  
*calcaratum*, Broun. A.M.N.H. 7, xi. 455.

„ 143.—*Dichrochile cordicolle*, Broun. A.M.N.H. 7, xi. 455.

„ 144.—*Anchomenus walkeri*, Broun. A.M.N.H. 7, xi. 456.

„ 145.—*Trichosternus walkeri*, Broun. A.M.N.H. 7, xi. 602.  
*akaroensis*, Broun. A.M.N.H. 7, xi. 603.  
*bucolicus*, Broun. A.M.N.H. 7, xi. 604.

„ 146.—*Pterostichus kirkianus*. A.M.N.H. 7, xi. 604.  
*memes*, Broun. A.M.N.H. 7, xi. 605.  
*prasignis*, Broun. A.M.N.H. 7, xi. 606.  
*setiventris*, Broun. A.M.N.H. 7, xi. 606.

„ 147.—*Allocinopus sculpticollis*, Broun. A.M.N.H. 7, xi. 608.

„ 149.—*Tarastethus simplex*, Broun. A.M.N.H. 7, xi. 457.  
*lævicollis*, Broun. A.M.N.H. 7, xi. 458.

„ 149.—*Oöpterus latipennis*. Broun. A.M.N.H. 7, xi. 609.  
*probus*, Broun. A.M.N.H. 7, xi. 610.  
*parvulus*, Broun. A.M.N.H. 7, xi. 610.

„ 149.—*Bembidium actuarium*, Broun. A.M.N.H. 7,  
xi. 611.

„ 151.—*Scopodes viridis*, Broun. A.M.N.H. 7, xi. 612.

„ 152.—*Rygmodus nigripennis*, Broun. A.M.N.H. 7, xi. 612.

„ 152.—*Cytomissus glabratus* Broun. A.M.N.H. 7, xi. 613.

„ 152.—*Zeadolopus spinipes*, Broun. A.M.N.H. 7, xi. 614.

„ 171.—*Pycnomerus nitiventris*, Broun. A.M.N.H. 7,  
xi. 617.

„ 171.—*Bothrideres picipes*, Broun. A.M.N.H. 7, xi. 618.

„ 184.—*Trogophlæus maritimus*, Broun. A.M.N.H. 7, xi. 615.

„ 185.—*Syrphetodes simplex*, Broun. A.M.N.H. 7, xii. 69.

„ 190.—*Thelyphassa furcata*, Broun. A.M.N.H. 7, xii. 70.

„ 190.—*Techmessa longicollis*, Broun. A.M.N.H. 7, xii.  
70.

„ 190.—*Exocalopus antennalis*, Broun. A.M.N.H. 7, xii.  
71.

„ 196.—*Hylobasius cognatus*, Broun. A.M.N.H. 7, xii. 82.  
*laticollis*, Broun. A.M.N.H. 7, xii. 83.  
*gracilipes*, Broun. A.M.N.H. 7, xii. 84.  
*genalis*, Broun. A.M.N.H. 7, xii. 84.

Page 199.—**Cecyropa lineifera**, Broun. A.M.N.H. 7, xii. 72.  
     *striata*, Broun. A.M.N.H. 7, xii. 73.  
   ,, 202.—**Brachylous albescens**, Broun. A.M.N.H. 7,  
     xii. 73.  
     *cervalis*, Broun. A.M.N.H. 7, xii. 74.  
   ,, 202.—**Aphela pictipes**, Broun. A.M.N.H. 7, xii. 75.  
   ,, 202.—**Anagotus pallescens**, Broun. A.M.N.H. 7, xii. 76.  
   ,, 202.—**Sargon carinatus**, Broun. A.M.N.H. 7, xii. 77.  
   ,, 202.—**Memes rufirostris**, Broun. A.M.N.H. 7, xii. 79.  
   ,, 202.—**Xerostygnus binodulus**, Broun. A.M.N.H. 7, xii.  
     80.  
   ,, 209.—**Stephanorhynchus pygmæus**, Broun. A.M.N.H.  
     7, xii. 80.  
   ,, 209.—**Drototelus politus**, Broun. A.M.N.H. 7, xii. 82.  
   ,, 209.—**Eualema walkeri**, Broun. A.M.N.H. 7, xii. 86.

## HEMIPTERA.

  ,, 222.—**Henicocephalus macclachlani**, Kirkaldy. Ent. Mag.  
     xxxvii. 217 (1901).

## MYRIAPODA.

  ,, 236.—**Necrophilæsophagus spenceri**, Pocock. A.M.N.H.  
     7, viii. 462.

## ARACHNIDA.

  ,, 246.—**Eylais schauinslandi**, Koenike. Zool. Jahrb. Syst.  
     xiii. 125 (1901).

## PEDIPALPIDA.

  ,, 246.—**Pantopsalis coronata**, Pocock. A.M.N.H. 7, xi.  
     436.  
     *trippi*, Pocock. A.M.N.H. 7, xi. 437.  
     *jenningsi*, Pocock. A.M.N.H. 7, xi. 437.  
   ,, 246.—**Sorensenella bicornis**, Pocock. A.M.N.H. 7, xi.  
     439.

## CRUSTACEA.

Page 250.—**Pinnotheres schauinslandi**, Lenz. Zool. Jahrb. Syst. xiv. 468 (1901).  
 ,, 251.—**Eupagurus intermedius**, Lenz. Zool. Jahrb. Syst. xiv. 446 (1901).

## OLIGOCHÆTA.

„ 283.—**Notiodrilus aucklandicus**, Benham. T.N.Z.I. XXXV. 275.

## HIRUDINEA.

„ 285.—**Hirudo antipodum**, Benham. T.N.Z.I. xxxvi.

## POLYZOA.

„ 292.—**Paludicella ehrenbergi**, Van Beneden. T.N.Z.I. XXXV. 262.

## CŒLENTERATA.

„ 319.—**Eucopella crenata**, Hartlaub. Zool. Jahrb. Syst. xiv. 364 (1901).

## A P P E N D I X.

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### PHYLUM, ANNULATA.

#### CLASS, POLYCHÆTA.

*The following additional identifications were received from Ehlers since the list on pp. 276-282 was printed :—*

##### Family SYLLIDÆ.

**Syllis closterobranchia**, Schmarda. N.W.Th. (2), 72, *fide* Ehlers MS.

**Trypanoscyllis**, Claparède, 1864.  
*occipitalis*, Ehlers M.S.

##### Family APHRODITIDÆ.

' **Polynoe' australis**, Schmarda. N.W.Th. (2), 154, *fide* Ehlers MS.

##### Family LYCORIDÆ.

**Nereis amblyodonta**, Schmarda (*Nereilepas a.*). N.W.Th. (2), 106, *fide* Ehlers MS.

##### Family EUNICIDÆ.

**Lumbriconereis brevicirrus**, Schmarda (*Notocirrus b.*). N.W.Th. (2), 117, *fide* Ehlers MS.

**Stauronereis australis**, Haswell. P.L.S.N.S.W. x. 747, *fide* Ehlers MS.

##### Family SPIONIDÆ.

**Spio**, Lamarck, 1818.  
*æqualis*, Ehlers MS.

**Polydora**, Bosc, 1802.  
*polybranchia*, Haswell. P.L.S.N.S.W. x. 275, *fide* Ehlers MS.  
*monilaris*, Ehlers M.S.

##### Family TEREBELLIDÆ.

**Leprea**, Malmgren, 1865.  
*orotavæ*, Langerhaus, *fide* Ehlers MS.

## Family SCALIBREGMIDÆ.

**Eumenia analis**, Ehlers MS.

## Family CHLORÆMIDÆ.

**Flabelligera semiannulata**, Ehlers MS.

## CLASS, OLIGOCHÆTA.

*The following additional Oligochaeta have been identified since  
pp. 283-285 were printed :—*

## Family PHREODRILIDÆ.

**Phreodrilus**, Beddard, 1891.**lacustris**, Benham. Q.J.M.S. 1903.**mainensis**, Benham. Q.J.M.S. 1903.**beddardi**, Benham. Q.J.M.S. 1903.

## Family TUBICIFIDÆ.

**Taupodrilus**, Benham, 1903.**simplex**, Benham. P.Z.S. 1903.**Limnodrilus vejdovskyanus**, Benham. P.Z.S. 1903.**lucasi**, Benham. P.Z.S. 1903.

## Family ENCHYTRÆIDÆ.

**Euchytræus**, Heule, 1837.**simulans**, Benham. P.Z.S. 1903.**Achæta**, Vejdovsky, 1877.**maorica**, Benham. P.Z.S. 1903.

## Family HAPLOTAXIDÆ.

**Haplotaxis heterogyne**, Benham. Q.J.M.S. 1903.

## Family MEGASCOLIDÆ.

**Plutellus**, Perrier, 1873.**lacustris**, Benham. P.Z.S. 1903.**Diporochæta aquatica**, Benham. P.Z.S. 1903.

## LIST OF NATURALISED ANIMALS.

This list includes those animals which have been introduced, either intentionally or unintentionally, by human agencies, and have become so well established that they may be considered as part of the fauna. Domesticated animals which have not gone wild are not included.

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### MAMMALIA.

**Mustelus putorius**, Linnæus. (Ferret.) Europe.  
  *erminea*, Linnæus. (Stoat.) Europe.  
  *vulgaris*, Gmelin. (Weasel.) Europe.  
**Erinaceus europeus**, Linnæus. (Hedgehog.) Europe.  
**Mus decumanus**, Pallas. (Brown rat.) Europe.  
  *rattus*, Linnæus. (Black rat.) British islands.  
  *exulans*, Peale. (Maori rat.) Polynesia.  
  *musculus*, Linnæus. (Mouse.) Europe.  
**Cervus elaphus**, Linnaeus. (Red deer.) Europe.  
**Dama vulgaris**, Gray. (Fallow deer.) Europe.  
**Sus scrofa**, Linnæus. (Pig.) Europe and North Africa.  
**Halmaturus**, sp. (Rock wallaby.) Australia.  
**Trichosurus fuliginosus**, Ogilby. (Sooty opossum.) Tasmania.  
  *vulpecula*, Kerr. (Opossum.) Australia.

### AVES.

**Turdus musicus**, Linnæus. (Song-thrush.) Europe.  
  *merula*, Linnæus. (Blackbird.) Europe.  
**Accentor modularis**, Linnæus. (Hedge-sparrow.) Europe.  
**Passer domesticus**, Linnæus. (Sparrow.) Europe.  
**Ligurinus chloris**, Linnæus. (Greenfinch.) Europe.  
**Fringilla cœlebs**, Linnaeus. (Chaffinch.) Europe.  
**Carduelis elegans**, Stephens. (Goldfinch.) Europe.  
**Linota rufescens**, Vieillart. (Red-poll.) Europe.  
**Emberiza citrinella**, Linnæus. (Yellow-hammer.) Europe.  
  *cirlus*, Linnæus. (Cirl-bunting.) Europe.  
**Sturnus vulgaris**, Linnæus. (Starling.) Europe.  
**Acridotheres tristis**, Linnæus. (House mynah.) India

**Corvus frugilegus**, Linnæus. (Rook.) Europe.  
**Gymnorhina leuconota**, Gould. (Australian magpie.) Australia.  
**Alauda arvensis**, Linnæus. (Skylark.) Europe.  
**Cygnus olor**, Gmelin. (White swan.) Europe.  
*atratus*, Lathrades. (Black swan.) Australia.  
**Synœcus australis**, Lathrades. (Swamp quail.) Australia.  
**Callipepla californica**, Shaw. (Californian quail.) California.  
**Phasianus colchicus**, Linnæus. (Pheasant.) England.  
*torquatus*, Gmelin. (Ring-necked pheasant.) China.

### AMPHIBIA.

**Hyla aurea**, Lesson. (Green frog.) Australia.

### PISCES.

**Perca fluviatilis**, Linnæus. (Perch.) Europe.  
**Salmo fario**, Linnæus. (Trout.) Europe.  
*iridens*, Mitchell. (Rainbow trout.) California.  
**Carassius vulgaris**, Nilsson. (Carp.) Europe.  
*auratus*, Linnæus. (Gold-fish.) China.

### MOLLUSCA.

#### PULMONATA.

**Limnæa stagnalis**, Linnæus. Europe.  
**Testacella maugei**, Féruccac. (*T. vagans*, Hutton.) Europe.  
**Limax agrestis**, Linnæus. (Slug.) (*L. molestus*, Hutton.) Europe.  
*maximus*, Linnæus. Europe.  
*variegatus*, Drapanaud. Europe.  
**Amalia gagates**, Drapanaud. Europe.  
 $(=L. fuliginosa$ , Gould; *L. antipoda*, Pfeiffer); and *M. emarginata*, Hutton.  
**Hyalina cellaria**, Mueller. (*H. corneo-fulva*, Pfeiffer.) Europe.  
*alliaria*, Mueller. Europe.  
*crystallina*, Mueller. Europe.  
**Helix hortensis**, Mueller. Europe.  
*aspera*, Mueller. (Garden snail.) Europe.  
**Helicella caperata**, Montagu. Europe.  
**Cochlostyla fulgetrum**, Broderip. (*B. antipodarum*, Gray.) Philippines.

**Cochlostyla daphnis**, Broderip. Philippines.  
**tricolor**, Pfeiffer. Solomon Islands.  
**Vallonia excentrica**, Sterki. Europe and North America.  
**Arion empiricorum**, Féruccac. Europe.  
**subfuscata**, Drapanand. (*A. incommodus*, Hutton.) Europe.  
**hortensis**, Féruccac. Europe.  
**Cochlicopa lubrica**, Mueller. Europe.

## HYMENOPTERA.

## APIDÆ.

**Apis mellifica**, Linnæus. (Honey-bee.) Asia (?).  
**ligustica**, Spin. (Ligurian bee.) Italy.  
**Bombus terrestris**, var. *virginalis*, Kirby. (Humble-bee.) Europe.  
**hortorum**, Linnæus. Europe.  
**hortorum**, var. *harrisellus*, Kirby. Europe.

## FORMICIDÆ.

**Prenolepis longicornis**, Fabricius. Europe and Asia.  
T.N.Z.I. xxxiii. 120.

## PARASITICA.

**Lissopimpla semipunctata**, Kirby. Australia (?).  
**Bassus lœtatorius**, Fabricius. (*S. varipes*, Smith; *B. genitosus*, Cameron.) Europe.  
**Dacnusa**, sp. Cameron, Manchester Memoirs, xlvi. p. 26.  
**Eulophus albitarsis**, Ashmead. North America.

## TENTHREDINIDÆ.

**Eriocampa adumbrata**, Klug. (*Monostegia antipoda*, Kirby.) (Slug-worm.) Europe.

## LEPIDOPTERA.

## CARADRINIDA.

**Utethesia pulchella**, Linnæus. Europe.

## PYRALIDINA.

**Melliphora grisella**, Fabricius. Europe.  
**Pyralis farinellis**, Linnaeus. Europe.

## TORTRICINA.

**Carpocapsa pomonella**, Linnæus. (Codlin moth.) Europe.

## TINEINA.

**Trochilium tipuliforme**, Cramer. (Currant moth.) Europe.  
**Œcophora pseudospretella**, Stainton. Europe.  
**Plutella cruciferarum**, Zeller. Europe.  
**Chorentis bjerkanrella**, Thunberg. Europe.  
**Bedellia somnulentella**, Zeller. Europe.  
**Monopsis ferruginella**, Hübner. Europe.  
  <sub>ethelella</sub>, Newman. Europe.  
**Tineola biselliella**, Humboldt. Europe.  
**Trichophaga tapetiella**, Linnæus. (Clothes moth.) Europe.  
**Tinea fuscipunctella**, Hawthorn. Europe.  
  <sub>terrenea</sub>, Butler. Europe.  
**Lita solanella**, Boisduval. (Potato moth.) Africa (?).

## DIPTERA.

## SCHIZOPHORA.

**Gasterophilus equi**, Meigen. (Bot-fly.) Europe.  
  <sub>hæmorrhoidalis</sub>, Linnæus. Europe.  
**Œstrus ovis**, Linnæus. Europe.  
**Sarcophaga impatiens**, Walker. Australia.  
**Lucilia cæsar**, Linnæus. (Greenbottle.) Europe.  
**Calliphora erythrocephala**, Meigen. (Bluebottle.) Europe.  
**Musca domestica**, Linnæus. (House-fly.) Europe.  
  <sub>corvina</sub>, Fabricius. (*fide* Hilgendorf.) Europe.  
**Muscina stabulans**, Meigen. Europe.  
**Stomoxys calcitrans**, Fabricius. (Horse-fly.) Europe.  
**Homalomyia canicularis**, Linnæus. Europe.  
**Tephritis tryoni**, Foggart. Australia.

## ASCHIZA.

**Eristalis tenax**, Linnæus. (Drone-fly.) Europe.

## NEMOCERA.

**Cecidomyia destructor**, Say. (Hessian-fly.) N. America (?).  
**Scatopse notata**, Linnæus. Europe.  
**Psychoda phalænoides**, Linnæus. Europe.

## PUPIPARA.

**Melophagus ovinus**, Linnæus. Europe.

## APHANIPTERA.

**Pulex irritans**, Linnæus. (Flea.) Europe (?).  
  <sub>serraticeps</sub>, Gervasson. (Dog-flea.) Europe.  
  <sub>avium</sub>, Taschb. (Pigeon-flea.) Europe.

## COLEOPTERA.

## LAMELLICORNIA.

**Onthophagus granulatus**, Boh. Australia.  
*posticus*, Erichson. Australia.  
**Aphodius granarius**, Linnæus. Europe.  
**Proctophanes sculptus**, Hope. Australia.  
**Trox**, sp. Reported by Dr. Swale.

## ADEPHAGA.

**Læmosthenes complanatus**, Dejean. S. Europe, &c.  
**Rhytisternus puella**, Chaudoir. New South Wales.  
**Hypharpax australasiæ**. Dejean. Australia.  
*australis*. Dejean. Australia.  
**Agonochila binotata**, White. Australia.

## POLYMORPHA.

**Hydrobius assimilis**, Hope. Australia.  
**Paracymus nitidiusculus**. Australia.  
**Cyclonotum marginale**, Sharp. Australia.  
**Cercyon flavipes**, Fabricius. Europe.  
**Homalota sordida**, Marsham. Europe.  
**Quedius fulgidus**, Fabricius. Europe.  
**Philonthus æneus**, Rossi. Europe.  
*scybalarius*. Europe.  
*affinis*, Roth. Europe.  
*nigritulus*, Gravenhorst. Europe.  
**Xantholinus punctulatus**, Paykull. Europe.  
**Oxytelus rugosus**. Australia.  
**Carcinops 14-striata**, Stephens. Europe.  
**Platysoma bakewelli**, Marseul. Australia.  
**Carpophilus hemipterus**, Linnæus. Cosmopolitan.  
*mutilatus*, Erichson. Cosmopolitan.  
**Osmosita colon**, Linnæus. Europe.  
**Tenebrioides mauritanicus**, Linnæus. Cosmopolitan.  
**Silvanus surinamensis**, Linnæus. Cosmopolitan.  
*unidentatus*, Fabricius. Europe.  
**Coccinella 11-punctata**, Linnæus. (Lady-bird.) Europe.  
**Novius cardinalis**, Mulsart. Australia.  
**Monotoma picipes**, Herbst. Europe.  
*sub-4-foveolata*, Watson. Europe.  
*spinicollis*, Aubé. Europe.  
**Coniuomus nodifer**, Westwood. Europe.  
**Metiorhynchus rufipennis**, Fabricius. Tasmania.  
**Dermestes vulpinus**, Fabricius. Cosmopolitan.  
*lardarius*, Linnæus. Cosmopolitan.

**Anthrenus mussæorum**, Linnæus. Cosmopolitan.  
**Lyctus brunneus**, Stephens. Europe.  
**Ptinus fur**, Linnæus. Cosmopolitan.  
**Anobium domesticum**, Linnæus. (Wood-borer.) Europe.  
  *paniceum*, Linnæus. Cosmopolitan.  
**Necrobia ruficollis**, Fabricius. Cosmopolitan.  
  *rufipes*, De Geer. Cosmopolitan.  
**Buprestis lauta**, Leconte. North America.  
**Stigmodera gulielmi**, White. Australia.  
**Lacon variabilis**, Candèze.\* Australis.  
**Monocrepidius exsul**, Sharp. Australis.

#### HETEROMERA.

**Tenebrio obscurus**, Fabricius. Cosmopolitan.  
  *molitor*, Linnæus. Cosmopolitan.  
**Gnathocerus cornutus**, Fabricius. Europe.  
**Tribolium ferrugineum**, Fabricius. Cosmopolitan.  
**Anthicus floralis**, Linnæus. Europe.  
**Macerdes melanura**, Schmidt. Europe.

#### PHYTOPHAGA.

**Bruchus rufimanus**, Boh. Europe.  
**Hylotrupes bajulus**, Linnæus. (T.N.Z.I. vii. 320.) Europe.  
**Phoracantha recurva**, Newman. (T.N.Z.I. vi. 154.) Australia.  
**Callirhoe allaspa**, Newman. Australia.  
**Tessaromma undatum**, Newman. Australia.

#### RHYNCHOPHORA.

**Doticus pestilens**, Oliff. Australia.  
**Otiorhynchus sulcatus**, Fabricius. Europe.  
**Gonypterus sp.** Australia.  
**Calandra granaria**, Linnæus. Cosmopolitan.  
  *oryzæ*, Linnæus. Cosmopolitan.  
**Anthronomus pomorum**, Linnæus. Europe.  
**Sitones lineatus**, Linnæus. Europe.

#### HEMIPTERA.

##### HETEROPTERA.

**Sciocoris helferi**, Fieber. Reported by Novara Expd. Europe.  
**Nezara prasina**, Linnæus (?). Europe.

\* In T.N.Z.I. xxx. 156, I mentioned *Lacon murinus* as introduced into the Chatham Islands. This is a mistake, as the insect referred to is really *Psorochroa granulata*.

*Nabis lineatus*, Dahlberg (?). Europe.

*Cimex lectularius*, Linnæus. (Bed-bug.) Europe.

#### HOMOPTERA.

*Ricania australis*, Walker. Australia.

*Aspidiotus aurantii*, Maskell. T.N.Z.I. xxvii. 2. Australia, &c.

**budleiae**, Signoret. Europe.

**camelliæ**, Signoret. Europe.

**epidendrii**, Bouché. Europe.

**nerii**, Bouché. Europe.

*Diaspis boisduvalii*, Signoret. Europe.

**rosæ**, Sandberg. Europe.

*Mytilaspis citricola*, Packard. North America.

**pomorum**, Bouché. Europe.

*Chionaspis citri*, Comstock. North America.

*Leucanium hemisphaericum*, Targioni-Tozzetti. Europe.

**hesperidum**, Linnæus. Europe.

**hibernaculorum**, Boisduval. Europe.

**maculatum**, Signoret. Europe.

**mori**, Signoret. Europe.

**nigrum**, Nietner. Australia.

**oleæ**, Bernard. Europe.

**ribis**, Fitch. North America.

*Pulvinaria camellicola*, Signoret. Europe.

*Dactylopius adonidum*, Linnæus. Europe.

*Siphonophora rosæ*, Reaum. (Rose aphid.) Europe.

**granaria**, Kirby. Europe.

*Mysus cerasi*, Fabricius. Europe.

*Aphis brassicæ*, Linnæus. Europe.

*Chermes corticalis*, Kaltenbach. Europe.

**pini**, Koch. (T.N.Z.I. xviii. 13.) Europe.

*Schizoneura lanigera*, Haus. (Woolly aphid.) Europe.

*Phylloxera vastatrix*, Planchon. Europe.

*Rhizobius graminis*, Thompson. Europe.

#### ANOPLEURA.

*Pediculus capitis*, Nitzsch. (Louse.) Cosmopolitan.

**vestimenti**, Nitzsch. Cosmopolitan.

*Hæmatopinus eurysternus*, Nitzsch. Cosmopolitan.

#### ORTHOPTERA.

*Gryllus servillei*, Saussure. (Field-cricket.) Australia.

*Cœdicia olivacea*, Brunner. Australia.

*Orthodera ministralis*, Fabricius. (T.N.Z.I. xxix. 242) Mantis. Australia.

**Blatta germanica**, Linnæus. (Cockroach.) Cosmopolitan.  
**latipennis**, Brunner. India (?).  
**Polyzosteria truncata**, Brunner. Australia.  
**Periplaneta americana**, Linnæus. Cosmopolitan.  
**Forficula auricularia**, Linnæus. (Ear-wig.) Europe.  
**Chelisoches morio**, Fabricius. Malay Archipelago.

## NEUROPTERA.

**Chrysopa perla**, Schneider. Europe. (*Fide* Hilgendorf.)  
**Trichodectes scalaris**, Nitzsch. (Ox-louse.)

## THYSANOPTERA.

**Thrips** sp.

## APTERA.

**Lepisma saccharina**, Linnæus. (Silver-fish.) Cosmopolitan.  
**Entomobrya multifasciata**, Tullberg. Smith, T.N.Z.I. xxviii.  
 475.  
**Achorutes armatus**, Nicolet. Smith, T.N.Z.I. xxviii. 475.

## ARACHNIDA.

## ARANEIDA.

**Theridion tepidariorum**, Blackwall. (House-spider.) Europe?  
**rufipes**, Lucas. Simon, Zool. Jahr. 1899, 422. Europe  
 and Asia.  
**Walckenæra cristata**, Blackwall. Europe.

## ACARINA.

**Ixodes ricinus**, Linnæus. (Sheep-tick.) Europe.  
**Tyroglyphus siro**, Linnæus. (Cheese-mite.) Cosmopolitan.  
**Glycyphagus domesticus**, de Geer. (Common-mite.) Cosmopolitan.  
**Tetranychus telarius**, Linnæus. (Red-spider.) Cosmopolitan.  
 Morton, T.N.Z.I. vi. 380.

## CRUSTACEA.

## ISOPODA.

**Porcellio scaber**, Latreille. (Wood-louse.) Chilton, T.L.S.  
 Zool. viii. 139. Cosmopolitan.  
**Armadillidium vulgare**, Latreille. Chilton, T.L.S. Zool. viii.  
 149. Europe.

## ANNULATA.

## OLIGOCHÆTA.

**Eiseniella tetraedrus**, Savigny. Europe.

**Eisenia foetida**, Savigny. Europe.

*rosea*, Savigny. Europe.

**Helodrilus caliginosus**, Savigny. Europe.

*rubidus*, Savigny. Europe.

**Otocladium cyaneum**, Savigny. Europe.

**Lumbricus rubellus**, Hoffmeister. (*L. campestris*, Hutton.)

    Europe.

*castaneus*, Savigny. Europe.

*terrestris*, Linnæus. T.N.Z.I. xxv. 117 (*fide* Smith). Europe.

**Didymogaster sylvatica**, Fletcher. New South Wales.

**Eudrilus eugeniæ**, Kinberg. Equatorial West Africa, but  
widely spread in the tropics.

**Pontoscolex corethrurus**, Fr. Müller. Central America, but  
widely spread in the tropics.

## PLATYHELMINTHES.

## TURBELLARIA.

**Geoplana sanguinea**, Moseley. T.N.Z.I. xxvii. 178. Australia.

*cærulea*, Moseley. T.N.Z.I. xxvii. 181. Australia.

**Placocephalus kewensis**, Moseley. Cosmopolitan.

**Platydesmus moseleyi**, Fletcher and Hamilton. T.N.Z.I.  
xxvii. 189. Australia.



# INDEX TO THE GENERA.

---

AERÆUS, 173  
Acalles, 212  
Acallistus, 143  
Acallopais, 214  
Acanthephyra, 255  
Acanthidiositta, 29  
Acanthochæra, 37  
Acanthochites, 86  
Acanthoclinus, 46  
Acanthoderus, 234  
Acanthodoris, 67  
Acanthomunna, 264  
Acanthopleura, 86  
Acantophrys, 248  
Acartia, 270  
Accentor, 347  
Achæta, 346  
Achorutes, 354  
Acineta, 327  
Aclis, 80  
Acmaea, 85  
Acontiophorus, 272  
Acrantus, 219  
Acosmetus, 170  
Acrocyrta, 194  
Actæcia, 265  
Actæon, 69  
Actenonyx, 150  
Actidium, 168  
Actinielius, 339  
Actinia, 314  
Actinopteryx, 168  
Actizeta, 185  
Adelium, 187  
Actinelius, 339  
Adeonellopsis, 298  
Adolopus, 153  
Adoxophyes, 116  
Adula, 94  
Æga, 262  
Ægiatilis, 38  
Ægoenichthys, 45  
Æolidiella, 68  
Æolis, 67  
Ægyria, 328  
Æschna, 230  
Æschrodonus, 60  
Ætea, 294  
Ætobatus, 53  
Agacalles, 212  
Agalba, 154  
Agamoneema, 304  
Agandeca, 225  
Aganeuma, 208  
Agapanthida, 192  
Agastegnus, 216  
Agathinus, 210  
Aglaia, 268  
Aglaja, 69  
Aglaphenia, 321  
Aglophus, 156  
Agonochila, 150  
Agonostomus, 46  
Agræcia, 231  
Agrilocillus, 217  
Agromyza, 129  
Agrostis, 106  
Aka, 225  
Akera, 69  
Aldonus, 211  
Alema, 198  
Aleochara, 181  
Alepas, 274  
Alepisaurus, 50  
Aleurodes, 225  
Allaorus, 218  
Allasterna, 199  
Allocatops, 175  
Allocharis, 198  
Allocinopus, 342  
Allodiscus, 63  
Alloparnus, 153, 162  
Allopora, 318  
Alloprocas, 207  
Allopterus, 188  
Alloptes, 245  
Allotherma, 102  
Alogus, 147  
Alona, 266  
Alope, 254  
Alopias, 54  
Alpheus, 254  
Alysia, 100  
Amalia, 348  
Amarosoma, 188  
Amarotypus, 141  
Amathia, 294  
Amarygmus, 188  
Amaryllis, 258  
Amaura, 80  
Amaurobius, 238  
Ambeodontus, 192  
Amblyophis, 332  
Amblygneustes, 288  
Amblypone, 97  
Amblyrhynchotus, 52  
Amblytelus, 101  
Ameletus, 231  
Ammodiscus, 335  
Ammothea, 247  
Ammotretis, 48  
Amœba, 340  
Ampelisca, 260  
Amphibola, 66  
Amphileptus, 330  
Amphilochus, 258  
Amphinecta, 238  
Amphipeplea, 66  
Amphiplatys, 157  
Amphiaporus, 312  
Amphitrite, 280  
Amphiura, 290  
Amphixystis, 124  
Amphoroidea, 263  
Amphitretus, 57  
Amphoterocotyle, 311  
Amplexopus, 157  
Amylopterous, 210  
Amymone, 271  
Anabarhynchus, 131  
Anacharis, 102  
Anagotus, 203, 343  
Anaitis, 89  
Anarhynchus, 32  
Anas, 36  
Anchistrocephalus, 310  
Anchomenus, 143, 342  
Anchylochilus, 341  
Ancilla, 74  
Ancistropterus, 210  
Anelylomera, 257  
Andaniotes, 258  
Aneuma, 208  
Aneura, 134  
Aneurus, 222  
Anguilla, 52  
Aniculus, 252  
Anillus, 150  
Anisolabis, 234  
Anisomeristes, 174  
Anisonema, 332  
Anisoplaca, 118  
Anisops, 223  
Anobium, 161  
Anomalomyia, 134  
Anomia, 95  
Anomyx, 258

Anosia, 103, 125  
 Anoteropsis, 244  
 Anoura, 234  
 Antedon, 290  
*Antennularia*, 321  
 Anthea, 314  
 Anthicus, 189, 352  
*Anthobothrium*, 311  
 Anthonomus, 352  
*Anthophysis*, 333  
*Anthopodium*, 315  
*Anthornis*, 28  
*Anthorochalina*, 325  
*Anthosoma*, 273  
*Anthrenus*, 352  
*Anthribus*, 219  
*Anthura*, 262  
*Anthus*, 28  
*Antiporus*, 151  
*Anubis*, 221  
*Anuræa*, 302  
*Aora*, 260  
*Apale*, 162  
*Apatolestes*, 132  
*Apeosima*, 191  
*Aphænogaster*, 97  
*Aphanasium*, 194  
*Aphanipathes*, 315  
*Aphela*, 343  
*Aphelomera*, 134  
*Aphilon*, 198  
*Aphis*, 353  
*Aphobetus*, 99  
*Aphodius*, 139, 351  
*Aphrodita*, 277  
*Aphrophora*, 224  
*Aphytopus*, 181  
*Apion*, 210  
*Apis*, 349  
*Aplysina*, 326  
*Apollo*, 75  
*Apomatus*, 282  
*Aporolobus*, 201  
*Apsetta*, 48  
*Apseudes*, 262  
*Apsoma*, 131  
*Aptenodytes*, 35  
*Apterina*, 129  
*Apteryx*, 37  
*Aphthora*, 186  
*Arabella*, 279  
*Arachnoides*, 288  
*Arachnura*, 242  
*Aradus*, 222  
*Aræocerus*, 221  
*Aræoscapus*, 205  
*Arbanitis*, 237  
*Archidoris*, 67  
*Archirhiza*, 317  
*Architeuthis*, 58  
*Arctocephalus*, 25  
*Arctoneura*, 133  
*Arcturus*, 264  
*Ardetta*, 31  
*Arecocryptus*, 217  
*Arecopais*, 220  
*Arecophaga*, 218  
*Arenaria*, 31  
*Arenicola*, 281  
*Argentina*, 51  
*Argiope*, 241  
*Argonauta*, 57  
*Argosarcus*, 234  
*Argutor*, 147  
*Argyrodes*, 238  
*Argyropalecus*, 50  
*Argyrophagna*, 103  
*Ariamnes*, 238  
*Arion*, 349  
*Armadillidium*, 354  
*Armadillo*, 266  
*Arnomus*, 197  
*Arocatus*, 222  
*Arripis*, 41  
*Arthropus*, 187  
*Arthracanthus*, 160  
*Artotrogus*, 272  
*Artystoma*, 187  
*Asaphodes*, 108  
*Ascaris*, 303  
*Aschleta*, 119  
*Ascidia*, 56  
*Ascogaster*, 100  
*Asilis*, 161  
*Asilus*, 131  
*Askyroderma*, 287  
*Asobara*, 100  
*Asphærites*, 174  
*Aspidiotus*, 225, 353  
*Aspidisca*, 327  
*Aspidodiadema*, 288  
*Aspidosiphon*, 285  
*Assiminea*, 77  
*Astacilla*, 264  
*Astasia*, 332  
*Asteia*, 129  
*Asterias*, 292  
*Asterina*, 291  
*Asterope*, 269  
*Asteropsis*, 291  
*Astetholea*, 193  
*Astetholidi*, 193  
*Asthena*, 108  
*Asthenosoma*, 288  
*Astralium*, 81  
*Astrape*, 53  
*Astrocheina*, 290  
*Astrogonium*, 291  
*Astropecten*, 291  
*Astygius*, 205  
*Asymphus*, 155  
*Atactodea*, 91  
*Atagena*, 67  
*Atalophebia*, 231  
*Atherina*, 46  
*Athoracophorus*, 59  
*Athyrsurus*, 224  
*Atkinsonia*, 239  
*Atomatricha*, 119  
*Atopida*, 158  
*Atricatus*, 197  
*Attus*, 245  
*Atylus*, 259  
*Atypichthys*, 41  
*Auchenoceros*, 49  
*Auchenopteru*, 46  
*Audouinia*, 279  
*Aulochrome*, 323  
*Aulodendron*, 340  
*Axinella*, 323  
*Axothea*, 281

**BACTRA**, 116  
*Baculipalpus*, 190  
*Badumna*, 238  
*Bæocera*, 174  
*Bæorhopalus*, 217  
*Bæosilpha*, 175  
*Bairdia*, 268  
*Balaena*, 25  
*Balaenoptera*, 26  
*Balanus*, 275  
*Balcus*, 160  
*Bantiades*, 205  
*Barbatia*, 94  
*Barleicina*, 78  
*Barnea*, 88  
*Bassus*, 244  
*Bathygadus*, 49  
*Bathymetis*, 101  
*Bathypterois*, 50  
*Bathysaurus*, 50  
*Bathysyphon*, 334  
*Batrachedra*, 121  
*Bedelia*, 123, 350  
*Bembidium*, 149, 342  
*Benthesicymus*, 254  
*Berardius*, 26  
*Beris*, 132  
*Berosus*, 152  
*Beryx*, 43  
*Beteus*, 254  
*Betarmion*, 157  
*Betyla*, 98  
*Bicellaria*, 295  
*Bidessus*, 151  
*Biloculina*, 334  
*Bircenna*, 260  
*Bithynis*, 255  
*Bitoma*, 169  
*Bittium*, 77  
*Bityla*, 106  
*Blabophanes*, 125  
*Blatta*, 234, 354  
*Blediotorquis*, 184  
*Blosyropus*, 193  
*Bocckella*, 270  
*Bolitophagus*, 186  
*Bolitophilida*, 133  
*Bolivina*, 336  
*Boltenia*, 56

Bombus, 349  
 Borborus, 129  
 Botaurus, 31  
 Bothrideres, 171, 342  
 Bothrioccephalus, 310  
 Botryllus, 55  
 Bovichthys, 43  
 Brachaspis, 233  
 Brachicarpus, 255  
 Brachidocrania, 134  
 Brachiella, 274  
 Brachylous, 202, 343  
 Brachynopus, 174  
 Brachyheplus, 172  
 Brachyleura, 48  
 Brachysara, 119  
 Brachyscelus, 257  
 Bradyptate, 204  
 Brama, 44  
 Branchellion, 285  
 Branchiomma, 281  
 Brevicornu, 134  
 Brexius, 210  
 Bristiopsis, 287  
 Brontopriscus, 167  
 Brounia, 157  
 Bruchus, 352  
 Brullea, 143  
 Bryobates, 199  
 Bugula, 295  
 Bulla, 69  
 Bulimina, 336  
 Bullinula, 70  
 Buprestis, 352  
 Butalis, 121  
 Byrrhoecryptus, 157  
 Byrrhodes, 157

CABALUS, 30  
 Caberea, 294  
 Caccommolpus, 198  
 Cacocephalina, 324  
 Cacodrotus, 193  
 Cacococcia, 117  
 Cadulus, 86  
 Caecioperca, 41  
 Cænophanes, 208  
 Cafius, 183  
 Cafioquedus, 182  
 Calandra, 352  
 Calanus, 269  
 Calathus, 143  
 Calcager, 126  
 Calicotis, 121  
 Caligus, 273  
 Callianassa, 253  
 Callidina, 300  
 Calliopus, 259  
 Callistoma, 83  
 Callipepla, 348  
 Calliphora, 127, 350  
 Calliprason, 193  
 Callirhoe, 352

Calliteuthis, 57  
 Callochiton, 87  
 Callorhynchus, 53  
 Calodera, 181  
 Calotermes, 230  
 Calwellia, 296  
 Calycella, 319  
 Calyptra, 79  
 Calyptophora, 316  
 Camacho, 261  
 Cambridgea, 238  
 Camiarus, 174  
 Campanularia, 319  
 Camptocladius, 137  
 Camptoscapus, 217  
 Campylomyza, 135  
 Cancellaria, 71  
 Cancer, 248  
 Candace, 270  
 Candonocypris, 267  
 Cannohiza, 317  
 Cantharidus, 82  
 Caphius, 183  
 Caprella, 261  
 Caprellinopsis, 261  
 Capron, 41  
 Capromimus, 45  
 Capsus, 223  
 Capua, 116  
 Caranx, 44  
 Carbarea, 295  
 Carcharias, 53  
 Carcharhinus, 53  
 Carcharodon, 54  
 Carchesium, 329  
 Cardiastethus, 223  
 Cardita, 92  
 Cardium, 89  
 Carduelis, 347  
 Carinaria, 70  
 Carpocapsa, 349  
 Carpophilus, 351  
 Carasius, 348  
 Carsinops, 351  
 Carthaea, 64  
 Caryophyllia, 315  
 Casa, 133  
 Casarca, 36  
 Cassidina, 263  
 Cassidulina, 336  
 Castanidium, 340  
 Catarrhaetes, 36  
 Catenicella, 294  
 Cateristis, 123  
 Cathartocryptus, 167  
 Cathypna, 302  
 Catopsilius, 175  
 Catoptes, 201  
 Caudina, 287  
 Caulopsetta, 48  
 Cavolina, 70, 341  
 Cecidomyia, 135, 350  
 Cecrops, 273  
 Cecyropa, 199, 343

Ceina, 257  
 Celænia, 242  
 Celetotelus, 208  
 Cellaria, 296  
 Cellepora, 298  
 Cellularia, 294  
 Centriscops, 46  
 Centrolophus, 44, 341  
 Centronmia, 272  
 Centropages, 270  
 Cephalorhynchus, 26  
 Cephaloscillium, 54  
 Cephalothamnium, 333  
 Cerabilis, 147  
 Ceraochalina, 325  
 Ceratognathus, 139  
 Ceratopogon, 137  
 Cercheis, 38  
 Cercyodes, 153  
 Cercyon, 351  
 Cerebratus, 313  
 Ceresium, 194  
 Ceriodaphnia, 266  
 Cerithiopsis, 77  
 Cermatia, 236  
 Cernatulus, 221  
 Cerodolus, 188  
 Ceroplatus, 133  
 Cerosomyia, 126  
 Cerozodia, 137  
 Certhiparus, 28  
 Cervus, 347  
 Cetonurus, 49  
 Cetorhinus, 54  
 Chærodes, 185  
 Chaetosonia, 166  
 Chaetozone, 280  
 Chalastria, 111  
 Chalcococyx, 29  
 Chalcodrya, 189  
 Chalina, 324  
 Chalinolobas, 25  
 Chalinopsilla, 325  
 Chalinura, 49  
 Chamæephis, 205  
 Chamæphio, 275  
 Chamostrea, 87  
 Chanos, 51  
 Charadrius, 31  
 Charopa, 59  
 Chasmagnathus, 250  
 Chauliodes, 229  
 Cheimarrichthys, 43  
 Chelifer, 246  
 Chelisoches, 354  
 Chermes, 353  
 Chilodactylus, 42  
 Chilodon, 328  
 Chilostomella, 337  
 Chiltonia, 257  
 Chimæra, 53  
 Chionaspis, 226 353  
 Chione, 89  
 Chiracanthium, 237

Chironemus, 42  
 Chironomus, 137  
 Chiton, 86  
 Chlöeia, 278  
 Chloroclystis, 107  
 Chlorophthalmus, 50  
 Chœnia, 330  
 Choleva, 175  
 Chondracanthus, 274  
 Chonelasma, 323  
 Chorascus, 170  
 Choreutis, 350  
 Chorinaeus, 102  
 Chorizopoda, 297  
 Chromodoris, 67  
 Chronostomum, 306  
 Chrosis, 155  
 Chrysopa, 354  
 Chryspanthes, 103  
 Chydorus, 266  
 Cicindela, 141  
 Ciconius, 171  
 Cilibe, 186  
 Cillenum, 150  
 Cimex, 353  
 Cinctipora, 299  
 Circia, 122  
 Circostella, 123  
 Circus, 30  
 Cirolana, 263  
 Cirroteuthis, 57  
 Cirsonella, 83  
 Cis, 162  
 Cixius, 224  
 Cladochalina, 324  
 Cladorrhiza, 324  
 Clampus, 173  
 Clathria, 324  
 Clathurella, 71  
 Clausocalanus, 269  
 Claviporella, 294  
 Clavulina, 336  
 Cleantis, 264  
 Clepricosma, 114  
 Clibanaria, 251  
 Clinocera, 130  
 Clitarchus, 233  
 Clitellaria, 132  
 Clivina, 142  
 Clubinona, 237  
 Clupea, 51  
 Clypearhynchus, 205  
 Clytia, 319  
 Clytus, 194  
 Coccinella, 164, 351  
 Cochlicopa, 349  
 Cochloidesma, 87  
 Cochlostyla, 348  
 Codosiga, 331  
 Cœdicia, 353  
 Cœlopa, 128  
 Cœlopus, 301  
 Cœlostoma, 228  
 Cœlorhynchus, 49

Cœnocydnus, 222  
 Cœnosia, 127  
 Cogia, 26  
 Coleps, 331  
 Collozoum, 339  
 Colobracis, 101  
 Coloburiscus, 231  
 Colochirrus, 287  
 Cologrammus, 46  
 Colpidium, 330  
 Columella, 72  
 Coluris, 302  
 Cominella, 73  
 Compsistis, 123  
 Cona, 225  
 Condylocardia, 92  
 Congermuræna, 52  
 Congiopus, 42  
 Coninonus, 351  
 Conocyathus, 315  
 Conopomæpha, 123  
 Conopora, 318  
 Conostoma, 272  
 Conurus, 182  
 Copelatus, 151  
 Coprostygnum, 184  
 Coptoma, 194  
 Corbula, 88  
 Cordylophora, 318  
 Cordylura, 128  
 Corethra, 138  
 Coridodax, 47  
 Coriscium, 123  
 Corixa, 224  
 Cormocephalus, 236  
 Cornicularia, 240  
 Cornuspira, 334  
 Coronula, 274  
 Corophium, 261  
 Corticaria, 164  
 Corvus, 348  
 Corycæus, 272  
 Corymbites, 154  
 Coryne, 318  
 Cosmocephalus, 236  
 Cosmodes, 106  
 Costleya, 140  
 Cotes, 189  
 Cothurnia, 329  
 Cottapistus, 42  
 Coturnix, 30  
 Coxelus, 169  
 Crambus, 112  
 Cranophorus, 165  
 Crapatalus, 42  
 Craspedosoma, 235  
 Crassatellites, 92  
 Cratena, 68  
 Craterolophus, 316  
 Crayracion, 52  
 Creadiion, 27  
 Cremogenes, 120  
 Crepidogaster, 47  
 Crepidula, 79

Cribella, 292  
 Cribrilina, 296  
 Crisina, 298  
 Crissia, 298  
 Cristellaria, 337  
 Cristiceps, 46  
 Crocidophora, 111  
 Crossophorus, 269  
 Cruregens, 262  
 Crymophilus, 38  
 Cryptamorpha, 167  
 Cryptodacne, 166  
 Cryptodromia, 251  
 Cryptohelia, 318  
 Cryptohynus, 155  
 Cryptolaria, 320  
 Cryptomeria, 191  
 Cryptomina, 112  
 Cryptophagus, 166  
 Cryptops, 236  
 Cryptus, 101  
 Cteniza, 237  
 Ctenoneurus, 222  
 Ctenochiton, 226  
 Ctenognathus, 144  
 Ctenolelectron, 188  
 Ctenopseustes, 117  
 Cubiceps, 44  
 Cucumaria, 286  
 Culeolus, 56  
 Culex, 138  
 Cuniopterus, 205  
 Curimus, 162  
 Cuspidaria, 87  
 Cyamiomactra, 90  
 Cyamium, 92  
 Cyamus, 262  
 Cyanorhamphus, 29, 341  
 Cybium, 45  
 Cyclacalles, 214  
 Cyclammina, 336  
 Cyclaspis, 256  
 Cyclasterope, 269  
 Cyclaxyra, 173  
 Cyclidium, 330  
 Cyclocterus, 244  
 Cyclogaster, 132  
 Cyclogapsus, 250  
 Cycloneura, 134  
 Cyclonotum, 153, 351  
 Cyclops, 270  
 Cyclothorax, 149  
 Cylichna, 69  
 Cylicia, 315  
 Cylindrophorus, 311  
 Cyliosoma, 234  
 Cyloma, 152  
 Cymodoce, 263  
 Cymodocella, 263  
 Cymodroma, 34  
 Cymolutes, 48  
 Cymospira, 282  
 Cyphanus, 157

Cyphon, 158  
*Cyphotelus*, 159  
*Cypridopsis*, 267  
*Cyprinotus*, 268  
*Cypris*, 267  
*Cyprobius*, 157  
*Cypridia*, 258  
*Cystisoma*, 256  
*Cystodytes*, 55  
*Cylthere*, 268  
*Cythereides*, 268  
*Cytherella*, 269  
*Cytheropteron*, 268  
*Cytillus*, 163  
*Cytomissus*, 342  
*Cyttalia*, 208  
*Cytus*, 45

**DACNOPHYLLA**, 206  
*Dacnusa*, 349  
*Dactylochalina*, 325  
*Dactylopius*, 227, 353  
*Dactylopis*, 271  
*Dalatias*, 54  
*Dalma*, 178  
*Dalminissus*, 178  
*Dama*, 347  
*Dammarobius*, 190  
*Daphnella*, 71  
*Daphnia*, 266  
*Daption*, 35  
*Dasybatis*, 53  
*Dasycolletes*, 96  
*Dasygorgia*, 316  
*Dasylobus*, 246  
*Dasypodia*, 106  
*Dasytes*, 160  
*Dasyuris*, 109  
*Deana*, 115  
*Decadarchis*, 124  
*Declana*, 111  
*Defranchia*, 299  
*Degithina*, 101  
*Deguernea*, 270  
*Deinacrida*, 231  
*Deinagnatha*, 241  
*Delatus*, 54  
*Deleatidium*, 231  
*Delphinapterus*, 26  
*Delphinus*, 27  
*Demetrida*, 150  
*Deniegretta*, 31  
*Demetrius*, 187  
*Dendrilla*, 323  
*Dendroblax*, 139  
*Dendrocygna*, 39  
*Dendromonas*, 333  
*Dendrophagus*, 167  
*Dendrostygnum*, 212  
*Dendrotrupes*, 219  
*Denialium*, 85  
*Dermestes*, 351  
*Dermochelys*, 40

*Dermothrius*, 214  
*Dermotrichus*, 205  
*Desis*, 238  
*Desmalia*, 317  
*Desmocyphus*, 321  
*Diachasma*, 100  
*Diachoris*, 295  
*Diadema*, 125  
*Diæa*, 243  
*Diagrypnodes*, 166  
*Diaprepocoris*, 224  
*Diapria*, 98  
*Diarthrocera*, 164  
*Diarthrodes*, 271  
*Diaschiza*, 301  
*Diasemia*, 114  
*Diaspis*, 226, 353  
*Diastemerus*, 197  
*Diastopora*, 299  
*Diastylis*, 256  
*Dichrochile*, 143, 342  
*Dichromodus*, 110  
*Dicælotus*, 101  
*Dicotylichthys*, 52  
*Dicranomyia*, 136  
*Dictyotus*, 221  
*Didymocantha*, 191  
*Didymogaster*, 355  
*Didymozoon*, 310  
*Diglena*, 301  
*Diglimma*, 143  
*Digrammus*, 182  
*Dilophus*, 133  
*Dimetopia*, 295  
*Dinematichthys*, 49  
*Dinematrum*, 273  
*Dinobothrium*, 311  
*Dinobryum*, 332  
*Dinocharis*, 301  
*Dinodrilus*, 284  
*Diödemorpha*, 217  
*Diomedea*, 35  
*Diopatra*, 278  
*Diphasia*, 320  
*Diphyes*, 317  
*Diplobothrium*, 311  
*Diplocrepis*, 47  
*Diplodon*, 91  
*Diplodonta*, 92  
*Diploseptis*, 115  
*Diplosis*, 135  
*Diplochæta*, 284, 346  
*Dipterina*, 117  
*Diptychophora*, 112  
*Diretus*, 45  
*Discorbina*, 338  
*Discothyrea*, 97  
*Distoma*, 309  
*Divaricella*, 92  
*Dodecaspis*, 340  
*Dodonidia*, 103  
*Dolichernis*, 123  
*Dolichoglossus*, 56  
*Dolichopeza*, 135

*Doliocenthus*, 205  
*Doliolum*, 56  
*Dolium*, 75  
*Dolomedes*, 243  
*Domina*, 129  
*Dorcatoma*, 161  
*Doriopsis*, 67  
*Doris*, 67  
*Doryctomorpha*, 99  
*Dorydium*, 224  
*Doryichthys*, 52  
*Dorytomus*, 207  
*Dosinia*, 89  
*Doticus*, 352  
*Drassus*, 237  
*Drasterius*, 154  
*Drepanopteryx*, 229  
*Drepanidænia*, 312  
*Drepanodes*, 111  
*Drepanura*, 234  
*Drillia*, 70  
*Drimostoma*, 144  
*Drosophila*, 129  
*Drototelus*, 343  
*Drotus*, 193  
*Dryandula*, 124  
*Dryocera*, 166  
*Dryopais*, 204  
*Dryptops*, 168  
*Ducoscolex*, 282  
*Duymæria*, 48  
*Dysnocryptus*, 220

**EBALIA**, 251  
*Eburnida*, 193  
*Echinaster*, 292  
*Echinobrissus*, 288  
*Echinocardium*, 287  
*Echinometra*, 288  
*Echinophthirus*, 228  
*Echinorhinus*, 54  
*Echinorhynchus*, 304  
*Echinus*, 289  
*Echiurus*, 283  
*Echthrogaleus*, 273  
*Ectatomma*, 97  
*Ectinosoma*, 271  
*Ectopis*, 211  
*Edalus*, 187  
*Ehrenbergina*, 336  
*Eiconaxius*, 253  
*Eiratus*, 204  
*Eiseniella*, 355  
*Eienia*, 355  
*Elachista*, 121  
*Elamena*, 251  
*Elasmoneetta*, 36  
*Elasmonotus*, 252  
*Elasmopus*, 260  
*Eledone*, 57  
*Eleotris*, 45  
*Elminius*, 275  
*Elvira*, 107

Emarginula, 84  
 Emberiza, 347  
 Emesoderma, 223  
 Emmelichthys, 41  
 Empis, 130  
 Enarsus, 169  
 Encephalia, 181  
 Endophthora, 124  
 Endrosis, 121  
 Entalophora, 229  
 Entium, 217  
 Entomobrya, 354  
 Entomolepis, 272  
 Enypniaster, 286  
 Eone, 279  
 Eosiphora, 301  
 Epalxiphora, 116  
 Epheus, 193  
 Ephymra, 129  
 Epiblema, 116  
 Epidosis, 135  
 Epiera, 241  
 Eprerus, 173  
 Epiphthora, 118  
 Epiranthis, 110  
 Episinus, 242  
 Epistranus, 170  
 Epistylus, 329  
 Epitimestes, 200  
 Epuræa, 172  
 Erana, 106  
 Erebola, 103  
 Erechthiris, 124  
 Erennetis, 124  
 Ericentrus, 46  
 Erigone, 240  
 Erinaceus, 347  
 Eriocampa, 351  
 Eriochiton, 227  
 Eriococcus, 227  
 Errhinnus, 203  
 Eristalis, 350  
 Errina, 318  
 Erycina, 239  
 Erynnetus, 204  
 Eschatotypa, 124  
 Eschscholtzia, 314  
 Ethalia, 83  
 Etheophanus, 208  
 Etnalis, 220  
 Eualema, 343  
 Euchaeta, 269  
 Euchalina, 325  
 Euchalinopsis, 325  
 Euchelus, 83  
 Euchœca, 108  
 Euchytraeus, 346  
 Euclanis, 301  
 Euclaspis, 197  
 Eucope, 319  
 Euopella, 319, 344  
 Eucossonius, 216  
 Eucotylabe, 308  
 Euctenopus, 102  
 Eudendrium, 318  
 Euderia, 162  
 Eudiocrinus, 291  
 Eodoxochiton, 86  
 Eudyptula, 36  
 Eudrilus, 355  
 Euglena, 332  
 Euglyptus, 176  
 Eugoniscus, 220  
 Eugonomus, 208  
 Eulalia, 277  
 Eulechria, 119  
 Eulimella, 74  
 Eulophus, 349  
 Eumede, 160  
 Eumenia, 281, 346  
 Eumetopias, 25  
 Eunice, 278  
 Euodontes, 218  
 Eupagurus, 251, 344  
 Eupelmus, 99  
 Euplectus, 179  
 Euplocamus, 67  
 Euplotes, 327  
 Eupolia, 313  
 Eupomatus, 282  
 Euprocas, 207  
 Eupines, 177  
 Euperlicus, 246  
 Eryceeras, 134  
 Erychæna, 196  
 EryCOPE, 265  
 Eurynalantirus, 248  
 Euryphegma, 323  
 Eurystomus, 37  
 Eurytecta, 117  
 Eurytoma, 99  
 Eusirus, 259  
 Eusoma, 140  
 Euspongia, 326  
 Eustrongylus, 304  
 Euterpe, 271  
 Euthemisto, 256  
 Euthenarus, 148  
 Euthria, 73  
 Euthyrrhinus, 214  
 Eutora, 123  
 Eutornus, 218  
 Evadne, 267  
 Evechinus, 289  
 Evistius, 44  
 Exaireta, 132  
 Exeirarthra, 179  
 Exilis, 220  
 Exocalopus, 190, 342  
 Exocœtus, 49  
 Excoelus, 155  
 Exohadpus, 185  
 Exonesistes, 218  
 Exoria, 116  
 Exosphaeroma, 263  
 Exsul, 127  
 Exydrus, 152  
 Eylais, 246, 343  
 FACELINA, 68  
 Faculifer, 245  
 Falagria, 181  
 Falciger, 246  
 Farciminaria, 295  
 Farrea, 323  
 Fhogra, 100  
 Filaria, 303  
 Fiona, 68  
 Fiorinia, 226  
 Fissurella, 84  
 Fistulicola, 310  
 Flabelligera, 281, 346  
 Flabellum, 315  
 Flammulina 62  
 Flavia, 271  
 Floscularia, 300  
 Flustra, 295  
 Flustrella, 293  
 Forficula, 354  
 Fossarina, 83  
 Fraudator, 131  
 Fregatta, 33, 38  
 Fr-yella, 292  
 Fridericia, 284  
 Fringilla, 347  
 Fuligula, 37  
 Fusus, 73  
 Gadinia, 68  
 Galathea, 252  
 Galaxias, 51  
 Galeorhinus, 54  
 Galeus, 54  
 Gallinago, 32, 38  
 Gammaroparnops, 232  
 Gammaropsis, 260  
 Gangliopus, 273  
 Garrodia, 34  
 Gasterochisma, 45  
 Gasterophilus, 350  
 Gasterostomum, 310  
 Gasterruption, 99  
 Gastrobothrus, 177  
 Gastrocotyle, 308  
 Gastrophysus, 52  
 Gastrosarus, 193  
 Gastrostyla, 327  
 Gathocles, 169  
 Gaudrina, 336  
 Gehyra, 39  
 Gelasimus, 249  
 Gelechia, 118  
 Genotia, 70  
 Genyagnus, 42  
 Genypterus, 49, 341  
 Geochus, 203  
 Geonemertes, 312  
 Geophilus, 236  
 Geoplana, 306, 355  
 Geotomus, 221  
 Geotria, 55  
 Geramus, 154

Geranomyia, 136  
 Gerontia, 64  
 Getacalles, 212  
 Gibbula, 82  
 Gilbertia, 40  
 Glaucoma, 327  
 Glauropsis, 27  
 Glenentela, 170  
 Globiocephalus, 27  
 Globigerina, 338  
 Gloiopetes, 273  
 Glossiphonia, 285  
 Glottis, 38  
 Glyceria, 279  
 Glycymeris, 94  
 Glycypagus, 354  
 Glyphypteryx, 122  
 Glyhocrangon, 254  
 Glyphoramphus, 217  
 Gnathaster, 291  
 Gnathocerus, 352  
 Gnomodes, 193  
 Gnophomyia, 136  
 Gobiomorphus, 45  
 Gobius, 46  
 Goniocidaris, 288  
 Goniodon, 291  
 Goniomonas, 333  
 Gonophylla, 111  
 Gonorynchus, 51  
 Gonostoma, 50  
 Gonopterus, 352  
 Gordius, 304  
 Gorytes, 98  
 Gossyparia, 227  
 Gracillaria, 123  
 Grammaroparlops, 232  
 Grampus, 27  
 Grantessa, 322  
 Graspus, 249  
 Graucalus, 37  
 Gregoria, 314  
 Gryllus, 349  
 Gynoma, 172  
 Gundlachia, 66  
 Gygis, 33  
 Gymnobathra, 119  
 Gymnodinium, 331  
 Gymnophania, 127  
 Gymnoplectron, 232  
 Gymnorhina, 348  
 Gynoplistia, 137  
 Gyrinus, 151  
 Gyrocoris, 329  
 Gyrocoyle, 310  
 Gyrophæna, 181  
 Haastia, 324  
 Habronestes, 240  
 Habrophila, 124  
 Hadracalles, 212  
 Hæmadipsa, 285  
 Hæmatopus, 353  
 Halacarus, 246  
 Halargyreus, 48  
 Halcyon, 29  
 Haleciun, 320  
 Halicarcinus, 250  
 Halictus, 96  
 Halimus, 247  
 Haliotis, 83  
 Haliporus, 254  
 Halirages, 259  
 Halla, 279  
 Halmaturus, 317  
 Halobœna, 35  
 Halteria, 329  
 Halytes, 160  
 Haminea, 69  
 Hamotulus, 177  
 Haplocheira, 261  
 Haplodactylus, 41  
 Haplolobus, 202  
 Haplophragmium, 335  
 Haplophthalmus, 265  
 Haplotaxis, 284 346  
 Harmologa, 117  
 Harmonia, 261  
 Harmothoë, 276  
 Harpacticus, 271  
 Harpalus, 148  
 Haswellia, 298  
 Hebella, 319  
 Hednota, 111  
 Heliceius, 249  
 Helice, 250  
 Helicarion, 65  
 Helicella, 348  
 Heliostripes, 122  
 Heliothela, 113  
 Heliothis, 106  
 Helix, 348  
 Helle, 131  
 Helodrilus, 355  
 Heloccius, 249  
 Helomyza, 128  
 Helophilus, 130  
 Hemerocoetes, 46  
 Hemiclava, 243  
 Hemideina, 231  
 Hemipeæus, 254  
 Hemiphaga, 30  
 Hemiplax, 29  
 Hemipodus, 279  
 Hemirhamphus, 49  
 Hemistomum, 309  
 Hemiteles, 101  
 Hemitheca, 318  
 Hendecastricha, 116  
 Henicocephalus, 343  
 Henicops, 235  
 Henlea, 284  
 Henops, 131  
 Hepialus, 125  
 Heptatrema, 55  
 Herodias, 31  
 Herpyllus, 237  
 Hesperophanes, 192  
 Heteractites, 38  
 Heteragus, 169  
 Heterakis, 303  
 Heteralocha, 27  
 Heteraomus, 203  
 Heterocrossa, 117  
 Heterodactylus, 144  
 Heterograpus, 249  
 Heteromita, 332  
 Heteromyza, 128  
 Heteronyx, 140  
 Heteropleuron, 55  
 Heteropora, 299  
 Heteropsis, 217  
 Heteropygia, 32  
 Heterostoma, 235  
 Heterostyles, 203  
 Heterozius, 248  
 Hexaplagia, 340  
 Hexathele, 237  
 Hexatrichia, 194  
 Hilara, 130  
 Himantopus, 32, 341  
 Hippocampus, 52  
 Hippolyte, 254  
 Hipponyx, 79  
 Hippospongia, 326  
 Hippothoa, 294  
 Hirudo, 344  
 Histiophorus, 43  
 Histrio, 327  
 Hochstetteria, 93  
 Hofmannia, 123  
 Holcaspis, 146  
 Holoparamecus, 164  
 Holopsis, 165  
 Holostomum, 309  
 Holothuria, 286  
 Holotrochus, 184  
 Homialomyia, 127, 350  
 Homalota, 181  
 Homepuraea, 172  
 Homodus, 201  
 Homœodytes, 151  
 Homœosoma, 111  
 Homoreda, 211  
 Hoplocnemæ, 209  
 Hoplodactylus, 39  
 Hormosina, 335  
 Hornera, 299  
 Huberia, 97  
 Huttonia, 240  
 Huxelhydrus, 151  
 Hyale, 257  
 Hyalina, 348  
 Hybernia, 111  
 Hybolasius, 196  
 Hydatina, 301  
 Hydora, 153, 163  
 Hydra, 321  
 Hydrallmannia, 321  
 Hydriomena, 107

Hydrobiosis, 229  
 Hydrobius, 351  
 Hydrocena, 80  
 Hydroessa, 223  
 Hydrocheilodon, 38  
 Hydroprogne, 32  
 Hydropsyche, 229  
 Hydrostygnum, 152  
 Hydrus, 40  
 Hygrochus, 201  
 Hyla, 348  
 Hylastes, 219  
 Hylobasius, 196, 342  
 Hylobia, 189  
 Hymenia, 113  
 Hymenicus, 250  
 Hymenolœmus, 37  
 Hymenosoma 251  
 Hypanthea, 319  
 Hypenodes, 106  
 Hyperammina, 334  
 Hyperosoma, 183  
 Hypeuryntis, 123  
 Hypharpax, 148, 351  
 Hypolycodes, 49  
 Hypotænidia, 30  
 Hypotagea, 207  
 Hystricia, 126

**I**  
 Iais, 264  
 Iathrippa, 264  
 Ibacus, 253  
 Icerya, 228  
 Ichmalius, 210  
 Ichneumon, 100  
 Ichneutica, 105  
 Ichthybotus, 231  
 Ichthyocampus, 52  
 Ichthyoneura, 303  
 Icosidesmus, 235  
 Idia, 321  
 Idmonea, 298  
 Idotasia, 215  
 Idotea, 264  
 Idus, 217  
 Idya, 272  
 Ilyodromus, 267  
 Incentia, 211  
 Incisidens, 41  
 Inglisia, 226  
 Inocatops, 174  
 Inocatoptes, 202  
 Inopelonia, 199  
 Inophlæus, 202  
 Inosomus, 218  
 Ipana, 111  
 Iphimedia, 239  
 Iphinotus, 260  
 Ips, 173  
 Ischalea, 241  
 Ischnochiton, 87  
 Ischnoderus, 184

Ischyroplectron, 232  
 Isidora, 66  
 Isochasta, 118  
 Isocladus, 263  
 Isocolon, 175  
 Isonomentis, 118  
 Isoplectron, 232  
 Isurus, 54  
 Itamus, 131  
 Ithris, 170  
 Ixodes, 245, 350

**J**  
 JACULELLA, 334  
 Jæropsis, 264  
 Janthina, 80  
 Jasus, 253  
 Julius, 235  
 Junonia, 103

**K**  
 KATHESOSTOMA, 43  
 Kellia, 91  
 Keroma, 328  
 Kællikeria, 309  
 Krithe, 268  
 Krohnia, 305

**L**  
 LABIDOCERA, 270  
 Lacon, 352  
 Læmosthenes, 351  
 Læstrygones, 244  
 Lætmonice, 277  
 Lævilitorina, 79  
 Lafoëa, 319  
 Lagena, 337  
 Lagochilus, 78  
 Lagrioda, 188  
 Lamontia, 322  
 Lampadena, 50  
 Lampiris, 44  
 Lamprocolletes, 96  
 Lampromitra, 340  
 Lamycetes, 235  
 Lanassa, 280  
 Lancetes, 151  
 Lanice, 280  
 Laoma, 61  
 Laophonte, 271  
 Larus, 33  
 Lasea, 92  
 Lasiorhynchus, 219  
 Lasius, 96  
 Lathicrossa, 119  
 Lathridius, 164  
 Latia, 66  
 Latris, 42  
 Latrodectus, 239  
 Lauxamia, 128  
 Leachia, 228

Leæna, 280  
 Leanira, 277  
 Lebia, 150  
 Lecanium, 227  
 Lecanomerus, 148  
 Leda, 95  
 Leiolophus, 250  
 Leiopeplus, 188  
 Leioproctus, 96  
 Leiosoma, 246  
 Leis, 165  
 Lenax, 173  
 Lepas, 274  
 Lepeophtheirus, 273  
 Leperina, 172  
 Lepidonotus, 276  
 Lepidopleurus, 87  
 Lepidoplois, 48  
 Lepidopus, 43  
 Lepidotynnus, 45  
 Lepidotrigla, 45  
 Lepidurus, 267  
 Lepisma, 350  
 Lepralia, 297  
 Leprea, 345  
 Leptachrous, 192  
 Leptocephalus, 52  
 Leptoceras, 229  
 Leptoclinum, 55  
 Leptodius, 248  
 Leptograpsus, 249  
 Leptomeris, 110  
 Leptomerocoris, 223  
 Leptomithrax, 247  
 Leptoperla, 231  
 Leptoplana, 306  
 Leptotilum, 316  
 Leptoscopus, 42  
 Leptothyra, 81  
 Leria, 128  
 Lernæopoda, 274  
 Lernacea, 274  
 Lernanthropus, 273  
 Lestes, 230  
 Lestremia, 135  
 Leucandria, 322  
 Leucania, 104  
 Leucanium, 353  
 Leucascus, 322  
 Leuckartia, 270  
 Leuconopsis, 67  
 Leucosolenia, 322  
 Leucothoë, 258  
 Leucotina, 70  
 Lianculus, 130  
 Licophora, 329  
 Lichenopora, 299  
 Ligia, 265  
 Ligula, 311  
 Ligurinus, 343  
 Liljeborgia, 259  
 Lima, 93  
 Limax, 348

Limnæa, 66, 348  
 Limnerium, 102  
 Limnia, 128  
 Limnichus, 163  
 Limnobia, 136  
 Limnodrilus, 285, 346  
 Limnœcia, 121  
 Limnophila, 137  
 Limnophora, 127  
 Limnoria, 264  
 Limonites, 32  
 Limopsis, 94  
 Limosa, 32, 38  
 Linota, 347  
 Linyphæa, 239  
 Liochoria, 163  
 Liogramma, 191  
 Lipelma, 40  
 Lippistes, 79  
 Lipura, 234  
 Lirus, 41, 44  
 Lissonota, 102  
 Lissopimpla, 349  
 Lissotes, 138, 341  
 Lissotrachelus, 231  
 Lita, 350  
 Lithobiüs, 235  
 Lithocharis, 183  
 Lithocia, 205  
 Lithophaga, 94  
 Lithostygnum, 170  
 Lithophantes, 239  
 Litonotus, 328  
 Litorina, 78  
 Livoneca, 262  
 Lobivanellus, 38  
 Lobularia, 316  
 Lomemus, 156  
 Lonchæa, 129  
 Lophotes, 47  
 Lorelus, 186  
 Lotorium, 75  
 Loxoconcha, 263  
 Loxodes, 328  
 Lucilia, 350  
 Lumbriconereis, 279, 345  
 Lumbricus, 355  
 Luperus, 198  
 Lycæna, 103  
 Lycosa, 243  
 Lyctus, 352  
 Lygosonia, 39  
 Lymnichus, 163  
 Lyperobates, 201  
 Lyperobius, 203  
 Lyperopais, 204  
 Lysiana, 258  
 Lysisquilla, 256  
 Lysiphragma, 121  
 Lythria, 109  
  
 MACERDES, 352  
 Macoma, 91

Macraspis, 308  
 Macratia, 100  
 Macrocerca, 133  
 Macrochlamys, 65  
 Macrocypris, 268  
 Macromastix, 136  
 Macropathus, 233  
 Macrophthalmus, 249  
 Macrorhinus, 25  
 Macrosytalus, 217  
 Macruorus, 49  
 Macrus, 49  
 Maectra, 90  
 Mæra, 260  
 Magellania, 293  
 Majaqueus, 34  
 Maldane, 281  
 Maldanella, 281  
 Mallezia, 95  
 Mallobathra, 124  
 Mangilia, 71  
 Maoriana, 237  
 Maoridrilus, 283  
 Maquartia, 126  
 Margareta, 222  
 Marginella, 74  
 Marginula, 67  
 Marphysa, 279  
 Marpissa, 244  
 Marptusa, 244  
 Marsenia, 80  
 Mastigocerca, 301  
 Mathesis, 160  
 Maurolichus, 50  
 Mecastrus, 156  
 Mecistostylus, 215  
 Mecodema, 142, 341  
 Mecyna, 115  
 Medyla, 65  
 Megacolabus, 208  
 Megacraspedus, 118  
 Megadromus, 148  
 Megadyptes, 36  
 Megalestris, 33  
 Megaloceræa, 223  
 Megaptera, 26  
 Megatebenus, 84  
 Meinertia, 262  
 Melampsalta, 224  
 Melanchra, 105  
 Melanopsis, 76  
 Melanostoma, 130  
 Melanus, 154  
 Melicerta, 300  
 Melinna, 280  
 Melita, 260  
 Melliphora, 349  
 Melophagus, 350  
 Membranipora, 295  
 Membrapona, 297  
 Memes, 343  
 Mendosoma, 42  
 Meninius, 185  
 Menipea, 294

Meretrix, 89  
 Merganser, 37  
 Merhippolyte, 255  
 Merluccias, 49  
 Merope, 271  
 Mesagyrites, 175  
 Mesocolon, 175  
 Mesocypion, 158  
 Mesodesma, 90  
 Mesolamia, 195  
 Mesoleptus, 102  
 Mesopatrum, 185  
 Mesoplodon, 26  
 Mesoreda, 211  
 Mesoscolopax, 38  
 Mesoscolytus, 219  
 Mesotenus, 101  
 Mesothuria, 286  
 Mesoxenophasis, 216  
 Metablax, 157  
 Metacalles, 214  
 Metacrias, 104  
 Metacrinus, 291  
 Metagerra, 222  
 Metaglymma, 142, 342  
 Meteorus, 99  
 Methemus, 161  
 Metopidia, 302  
 Metoponchus, 183  
 Metoponorthus, 266  
 Metopus, 330  
 Metriorhynchus, 351  
 Miaster, 135  
 Micippa, 248  
 Micranous, 33  
 Microdes, 107  
 Microlamia, 195  
 Micromus, 230  
 Micropora, 296  
 Microporella, 296  
 Micropus, 37  
 Microsolex, 283  
 Microsilpha, 174  
 Microtribus, 216  
 Microtyrus, 176  
 Migas, 236  
 Milesia, 130  
 Milichia, 129  
 Miliolina, 334  
 Mimetas, 238  
 Minyas, 315  
 Miotopus, 232  
 Miro, 28  
 Miselia, 104  
 Mitophyllus, 139, 341  
 Mitra, 73  
 Mitrastethus, 215  
 Mnesarchæa, 125  
 Modiolarca, 94  
 Modiolaria, 94  
 Mohua, 28  
 Mola, 53  
 Monacanthus, 52  
 Monas, 333

Monilea, 83  
 Monobothrium, 310  
 Monocrepidius, 156, 352  
 Monodonta, 81  
 Monomoriolum, 97  
 Monopora, 297  
 Monops s., 350  
 Monosiga, 331  
 Monostomum, 310  
 Monostyla, 302  
 Monotoma, 351  
 Mordella, 191  
 Mordellisterna, 191  
 Morna, 223  
 Mucronella, 297  
 Mugil, 46  
 Munida, 252  
 Munna, 264  
 Munnopsis, 265  
 Murena, 51  
 Murex, 71  
 Mus, 347  
 Musca, 350  
 Muscina, 350  
 Musotima, 114  
 Mustelus, 347  
 Myctophila, 134  
 Myctophum, 50  
 Mygopsocus, 230  
 Mylitta, 92  
 Myodora, 88  
 Myrmelon, 229  
 Mystacops 25  
 Mysus, 353  
 Mytilaspis, 226, 353  
 Mytilus, 94  
 Myxilla, 324  
 Myzostoma, 285

**NABIS**, 223, 353  
 Nascis, 153  
 Nassa, 72  
 Nassula, 331  
 Natica, 80  
 Naucrates, 44  
 Naultinus, 39  
 Naustiora, 88  
 Nauticaris, 255  
 Nautilograpsus, 250  
 Navomorpha, 194  
 Nebalia, 266  
 Necrobia, 352  
 Necrophilus, 174  
 Necrophloesophagus, 236, 343  
 Nectocarcinus, 249  
 Neides, 222  
 Nematocarcinus, 255  
 Nematonurus, 49  
 Nemorea, 126  
 Neobalæna, 26  
 Neocharis, 51  
 Neocharis, 153

Neodrilus, 283  
 Neolepton, 92  
 Neomycta, 207  
 Neonetus, 232  
 Neophrynidithys, 42  
 Neoscopelus, 50  
 Nephila, 242  
 Nephrops, 253  
 Nephthys, 278  
 Nepticula, 123  
 Neptunus, 249  
 Neris, 278, 345  
 Nerita, 81  
 Nerocila, 263  
 Nervijuncta, 133  
 Nesarcha, 115  
 Neserax, 30  
 Nesolimnas, 30

**•Nesonetta**, 36  
 Nestor, 29  
 Nestrius, 206  
 Nettion, 36  
 Neuronectes,  
 Nezara, 221, 352  
 Nicæana, 199  
 Nicidion, 279  
 Nicolea, 280  
 Ninox, 29  
 Nitidula, 172  
 Nodosaria, 337  
 Nogigus, 273  
 Nonionina, 339  
 Nonnotus, 220  
 Norix, 170  
 Nosodendron, 162  
 Notacanthus, 47  
 Notacantolica, 229  
 Notarchus, 69  
 Noteraurda, 116  
 Nothalonus, 211  
 Notholea, 302  
 Notiodrilus, 283, 344  
 Notiopate, 201  
 Notomimata, 301  
 Notophoryx, 31  
 Notops, 300  
 Notoreas, 109  
 Notorhynchus, 54  
 Notornis, 31  
 Notothenia, 43  
 Notoulius, 168  
 Novitas, 217  
 Novius, 351  
 Nubecularia, 333  
 Nucula, 95  
 Numenius, 38  
 Nyctemera, 104  
 Nycticorax, 31  
 Nyctiphantes, 255  
 Nymphon, 246  
 Nymphostota, 118  
 Nyroca, 36  
 Nyxetes, 210  
 Nyxius, 222

**OBELIA**, 319  
 Ocalea, 181  
 Oceanites, 34  
 Ochosternus, 155  
 Ochthrodromus, 32  
 Ocydromus, 30  
 Occisor, 126  
 Ochina, 161  
 Ochrocodus 191  
 Ochthiphila, 129  
 Octochætes, 284  
 Octopus, 57  
 Odax, 47  
 Odontomyia, 132  
 Odontostoma, 74  
 Odontria, 140  
 Eceticus, 115  
 Echalia, 221  
 Ecomesus, 228  
 Ecophora, 120, 350  
 Ediceros, 258  
 Emona, 192  
 Estralata, 34  
 Estrus, 350  
 Ogmorhinus, 25  
 Oikomonas, 333  
 Oithona, 270  
 Oliarius, 225  
 Olinga, 228  
 Omalissus, 184  
 Omalium, 184  
 Omedes, 188  
 Ommatocarcinus, 249  
 Omosita, 172  
 Omphalotropis, 78  
 Oncæa, 272  
 Oncæola, 272  
 Onchoscolex, 282  
 Oncidiella, 58  
 Onichoteuthes, 58  
 Onicigaster, 231  
 Oniscus, 265  
 Onos, 48  
 Onosandrus, 232  
 Onsinome, 241  
 Onthophagus, 351  
 Onuphis, 278  
 Onysius, 189  
 Oonops, 237  
 Ooperipatus, 236  
 Oopterus, 148, 342  
 Oorhynchus, 247  
 Opatrum, 185  
 Opercularia, 329  
 Ophiacantha, 290  
 Ophiactis, 289  
 Ophioceramis, 289  
 Ophiociton, 290  
 Ophiocreas, 290  
 Ophidiaster, 292  
 Ophiocetus, 289  
 Ophioglypha, 289  
 Ophiomitra, 290  
 Ophiomastus, 289

Ophiomusium, 289  
 Ophiomyxa, 290  
 Ophion, 101  
 Opionereis, 290  
 Ophiopeza, 289  
 Ophiphorus, 189  
 Ophiophyllum, 289  
 Ophiopterus, 290  
 Ophiozona, 289  
 Ophisurus, 51  
 Ophryops, 192  
 Opifex, 136  
 Opisthotricha, 327  
 Opomyza, 129  
 Optonurus, 49  
 Orbulina, 338  
 Orchestia, 257  
 Orca, 27  
 Orectognathus, 97  
 Oreda, 211  
 Oregus, 143  
 Oreocaris, 209  
 Ornithomya, 138  
 Ornithochiton, 86  
 Orocrambus, 113  
 Orophora, 115  
 Oropterus, 210  
 Orsinome, 241  
 Orthenches, 122  
 Orthocladius, 137  
 Orthodera, 353  
 Orthosia, 104  
 Orygmatobothrium, 311  
 Oscinus, 129  
 Ossifraga, 35  
 Ostenia, 130  
 Ostrea, 93  
 Othius, 183  
 Otiorthynchus, 352  
 Otocladium, 355  
 Otoconcha, 65  
 Oulactis, 314  
 Owenia, 279  
 Oxycephalus, 257  
 Oxyethra, 229  
 Oxyasma, 156  
 Oxynotus, 54  
 Oxyopes, 244  
 Oxytelus, 351  
 Ozius, 248

PACHYCHALINA, 324  
 Pachycorinus, 183  
 Pachycotes, 219  
 Pachykellia, 92  
 Pachylopus, 173  
 Pachymorpha, 233  
 Pachyprynpus, 205  
 Pachyrhamma, 232  
 Pachyrhina, 135  
 Pachytulus, 233  
 Pachyura, 210

Pactola, 209  
 Paedaretus, 204  
 Paelocharis, 201  
 Pagrosomus, 41  
 Pagurites, 252  
 Pagurodes, 252  
 Palæmon, 255  
 Palæomicra, 125  
 Palaina, 78  
 Pallasia, 282  
 Pallene, 247  
 Palludicella, 344  
 Pandalus, 255  
 Pandrus, 273  
 Pangaeus, 221  
 Pangonia, 132  
 Paniscus, 132  
 Paunichia, 286  
 Panopea, 88  
 Panopeus, 248  
 Panspœus, 156  
 Pantopsisalis, 343  
 Pantosperma, 122  
 Paprides, 233  
 Parabrontes, 167  
 Paracalamus, 269  
 Paracalliope, 259  
 Paracorophium, 261  
 Paracrangonyx, 260  
 Paractis, 314  
 Paracymus, 351  
 Paracypris, 268  
 Paradetis, 107  
 Paradexamine, 259  
 Paradoxa, 134  
 Paraleptamphopus, 259  
 Paramecium, 331  
 Paramecosoma, 166  
 Paramithrax, 247  
 Paraneephrops, 253  
 Paranomocerus, 215  
 Paranthura, 262  
 Parapagurus, 252  
 Paraperris, 43  
 Paraphylax, 185  
 Paraponyx, 114  
 Parapronoe, 257  
 Paratanais, 262  
 Pardosa, 244  
 Paresuris, 222  
 Parharpinia, 258  
 Paridotea, 264  
 Parinus, 154  
 Parmipalpes, 178  
 Parmius, 159  
 Parvicellula, 134  
 Paryphanta, 65  
 Passer, 347  
 Patella, 84  
 Patellina, 338  
 Paurocope, 272  
 Paupris, 159  
 Paxillus, 78  
 Peachia, 315

Pecten, 93  
 Pectilabrus,  
 Pectinaria, 280  
 Pectinura, 289  
 Pedalopia, 150  
 Pedicellinopsis, 293  
 Pediculus, 353  
 Pedilophorus, 163  
 Pelagodroma, 34  
 Pelagozyda, 319  
 Pelecanoides, 35  
 Pelodrilas, 284  
 Pelogenia, 277  
 Peloniu " 159  
 Pelosina, 334  
 Peltidium, 271  
 Peltorhamphus, 48  
 Peltophora, 119  
 Penella, 274  
 Penillia, 267  
 Peniticus, 197  
 Pentacheles, 253,  
 Pentacrinius, 291  
 Pentarthrum, 215  
 Perca, 348  
 Percnodaimon, 103  
 Peremtor, 126  
 Peratrium, 185  
 Pericomia, 138  
 Pericopitis, 141  
 Pericrypta, 317  
 Peridinium, 331  
 Peripatoides, 236  
 Periphylla, 317  
 Periplaneta, 354  
 Perisponia, 320  
 Perrierina, 90  
 Petrocheles, 252  
 Petrochelida, 37  
 Petroica, 28  
 Petrolisthes, 252  
 Phacus, 332  
 Phacussa, 64  
 Phæophanus, 203  
 Phæosaces, 118  
 Phæthon, 33  
 Phaganophana, 176  
 Phaiussa, 64  
 Phalacrocorax, 34  
 Phania, 127  
 Phanophilus, 183  
 Pharmacus, 233  
 Pharcodon, 328  
 Pharecolosoma, 285  
 Phasianella, 81  
 Phasianus, 348  
 Phaulacridium, 233  
 Phelerosus, 152  
 Phemus, 206  
 Phenacharopa, 61  
 Phenachohelis, 63  
 Pherusa, 259  
 Phialonema, 332  
 Philacta, 206

Philiniscus, 229	Pilumnopeus, 248	Pœciliodiscus, 140
Phlænus, 224	Pilumnus, 248	Pogonorhinus, 218
Phleopoda, 119	Pinna, 94	Pogonornis, 28
Phlehydrus, 151	Pinnocopus, 57	Poliaspis, 226
Philichthys, 273	Pinnotheres, 250, 344	Poliopepon, 323
Philine, 69	Pirates, 223	Pollicipes, 274
Philobrya, 93	Pisania, 73	Polycarpa, 56
Philodina, 300	Pisidium, 91	Polycelis, 306
Philodromus, 243	Pison, 98	Polycentropus, 229
Philomelas, 269	Placocephalus, 355	Polycheles, 253
Philonicus, 254	Placochalina, 325	Polydesmus, 235
Philonthus, 351	Placopsisina, 335	Polydora, 345
Philoscia, 266	Placotiochus, 315	Polylobus, 181
Philothermus, 171	Placostylus, 59	Polymorphina, 337
Phlecopola, 119	Placunomia, 95	Polynoë, 276, 345
Phlyctenodes, 194	Plagiochæta, 283	Polyphyllia, 315
Phlyctenophora, 268	Plagiogenion, 41	Polypyron, 40
Phœbetria, 35	Plagiophilà, 330	Polystomella, 339
Pholadidea, 88	Plagusia, 250	Polysyncraton, 55
Phoracantha, 352	Plakathrium, 263	Polyzosterium, 234, 354
Phorbia, 127	Planaxis, 76	Pomatoceros, 282
Phormosoma, 288	Planchonia, 227	Ponera, 97
Phorocera, 126	Planispirina, 334	Pontobdella, 285
Phorostichus, 208	Planorbis, 66	Pontodrilus, 284
Phosichthys, 50	Platalea, 38	Pontophilus, 254
Phoxichilidium, 247	Platipidia, 173	Pontoscolex, 355
Phoxocephalus, 258	Platurus, 40	Porcellana, 252
Phoxoteles, 203	Platycola, 329	Porcellanopagurus, 252
Phreatogammarus, 260	Platycoris, 221	Porcellidium, 271
Phreatoicus, 265	Platydesmus, 355	Porcellio, 354
Phreodrilus, 284, 346	Platysischnopus, 258	Pordo, 267
Phrisogonus, 107	Platyonichus, 249	Porella, 297
Phrixgnathus, 61	Platyomida, 200	Porina, 125
Phronima, 256	Platyptilia, 115	Porphyrio, 31
Phronira, 206	Platypus, 219	Porrhotheles, 237
Phroso, 271	Platyscelus, 257	Porroa, 277
Phryganostola, 122	Platysoma, 173, 351	Portunus, 249
Phryníxus, 204	Platyura, 133	Porzana, 31
Phrynus, 246	Platzosteria, 234	Potamides, 77
Phycosoma, 239	Plaxiphora, 86	Potaminus, 153, 162
Phycochus, 140	Plectomorphus, 179	Potamopyrgus, 77
Phycosecis, 172	Plegadia, 38	Pourtaleisia, 287
Phyllobothrium, 311	Pleioptlectron, 232	Praolepra, 208
Phyllodore, 277	Plesionika, 255	Prenolepis, 349
Phyllodytes, 206	Pleuraltica, 199	Priasilpha, 173
Phyllophorus, 287	Pleurobranchæa, 68	Priates, 173
Phyllospongia, 325	Pleurobranchus, 68	Primoella, 316
Phyllotreta, 199	Pleuronema, 330	Prinino, 257
Philœphagosoma, 218	Pleurotoma, 70	Priocella, 34
Phylosiphonia, 325	Pleustes, 258	Priofinus, 34
Phyloxera, 353	Plexippus, 244	Prion, 35
Phymactris, 315	Plociomerus, 222	Prionoplus, 191
Phymalophœa, 160	Plotinus, 206	Prionorhynchus, 248
Phymata, 222	Plotus, 39	Pristacantha, 340
Physalia, 318	Plumatella, 293	Pristancylus, 144
Physcosoma, 285	Plumularia, 321	Proales, 301
Physeter, 26	Plusia, 106	Probolus, 101
Physetica, 104	Plutella, 123, 350	Procelsterna, 33
Physiculus, 48	Plutellus, 346	Procissio, 126
Physolæthus, 143	Podicipes, 36	Proconus, 217
Physophora, 317	Podoceropsis, 261	Proctophanes, 351
Phytilea, 190	Podocerus, 261	Proctotrupes, 98
Picrotus, 167	Podon,	Prodelphinus, 27
Pilacoslaspis, 197	Pœciliippe, 196	Promanus, 172

Promethichthys, 43  
 Prophila, 129  
 Prorhynchus, 306  
 Prorodon, 331  
 Prosacantha, 99  
 Proscoporhinus, 220  
 Proselena, 116  
 Prosapognus, 144  
 Prosopis, 96  
 Prostheceræus, 306  
 Prosthemadera, 28  
 Protarphius, 170  
 Proteilater, 154  
 Proteodes, 118  
 Protornia, 115  
 Proterocossa, 121  
 Prothelymna, 117  
 Protithona, 116  
 Protocaulon, 316  
 Protolobus, 201  
 Protoparnus, 153, 162  
 Protophorinus, 200  
 Protosquilla, 256  
 Protosynæma, 122  
 Prototroctes, 50  
 Protula, 282  
 Psammonibea, 88  
 Psammopenima, 324  
 Psammosphæra, 334  
 Pselactus, 218  
 Pselaphus, 177  
 Psephoboragus, 153  
 Psepholax, 211  
 Pseudagenia, 97  
 Pseudæga, 262  
 Pseudocalliprason, 192  
 Pseudococcus, 228  
 Pseudœconesus, 228  
 Pseudogerygone, 28  
 Pseudolabrus, 47  
 Pseudonema, 228  
 Pseudopatrum, 185  
 Pseudopentaceros, 41  
 Pseudophycis, 48  
 Pseudopsolus, 287  
 Pseudorca, 27  
 Pseudoreda, 211  
 Pseudosemnus, 192  
 Pseudosyllis, 276  
 Psilaster, 291  
 Psilocremus, 229  
 Psiloænia, 195  
 Psilodonta, 140  
 Psilomorpha, 193  
 Psilopus, 130  
 Psilotricha, 328  
 Psorochroa, 156  
 Psychoda, 138, 350  
 Ptenidium, 167  
 Pteraclis, 44  
 Pterodina, 302  
 Pterolichus, 246  
 Pteromalus, 99  
 Pterophorus, 115

Pteropterix, 99  
 Pterostichus, 145, 342  
 Ptinella, 168  
 Ptinus, 161, 352  
 Ptychodon, 61  
 Ptychopterus, 193  
 Puffinus, 34  
 Pulex, 138, 350  
 Pullenia, 338  
 Pulvinaria, 349  
 Pulvinulina, 338  
 Purpura, 71  
 Pycnocenira, 228  
 Pycomerodes, 171  
 Pycomerus, 171, 342  
 Pygoscelis, 36  
 Pyralis, 349  
 Pyramidella, 74  
 Pyrgotis, 116  
 Pyronota, 140  
 Pyrosoma, 56  
 Pyrrha, 63  
 Pyxicola, 329

QUEDIUS, 182, 351

RACHIDISCUS, 205  
 Ræta, 90  
 Raia, 53  
 Ranfurlyea, 341  
 Rattulus, 301  
 Realia, 78  
 Recurvirostra, 32  
 Recyntus, 170  
 Regalicus, 47  
 Rembus, 143  
 Remora, 45  
 Reophax, 335  
 Resania, 90  
 Rethusus, 164  
 Retipora, 296  
 Retropinna, 51  
 Reuda, 223  
 Rhabdamina, 335  
 Rhabdinosomus, 203  
 Rhamphidia, 136  
 Rhantus, 151  
 Rhaphidophlus,  
 Rhaphidozoon, 339  
 Rhaphiodophlus, 324  
 Rhapsa, 106  
 Rhenia, 65  
 Rhinanisus, 217  
 Rhinocola, 225  
 Rhinorhynchus, 210  
 Rhinoscopelas, 50  
 Rhipidodendron, 333  
 Rhipidogorgia, 316  
 Rhipidura, 28  
 Rhipisterna, 191  
 Rhizobius, 353  
 Rhizococcus, 227

Rhizonium, 170  
 Rhododrilus, 284  
 Rhogas, 99  
 Rhombocytus, 45  
 Rhombosolex, 48  
 Rhopalimorpha, 221  
 Rhopalium, 98  
 Rhynchogonus, 201  
 Rhynchonella, 293  
 Rhynchophora, 298  
 Rhyneodes, 215  
 Rhynchorhynchus, 210  
 Rhypha, 135  
 Rhypolopus, 136  
 Rhyssa, 102  
 Rhysodes, 167  
 Rhytida, 65  
 Rhytidontus, 170  
 Rhytisternus, 147, 351  
 Rhyzonium, 170  
 Ricania, 353  
 Ripersia, 227  
 Risella, 79  
 Risellopsis, 79  
 Rissoia, 77  
 Rissoina, 78  
 Rotalia, 338  
 Rotifer, 300  
 Ruppeloides, 248  
 Rygmodus, 152, 342  
 Rystheus, 206

SABELLA, 281  
 Sacina, 174  
 Sagartia, 314  
 Sagephora, 124  
 Sagola, 178  
 Sagolonus, 179  
 Salda, 223  
 Salenia, 288  
 Salius, 97  
 Salmacis, 288  
 Salmo, 348  
 Salpa, 56  
 Salpingoeca, 331  
 Salpingus, 189  
 Salticus, 244  
 Saltius, 166  
 Samana, 110  
 Saphobius, 139  
 Saphophagus, 167  
 Saphydrus, 152  
 Sapphirina, 272  
 Saprinus, 173  
 Sapromyza, 128  
 Sarcophaga, 350  
 Sarda, 45  
 Sargon, 343  
 Saropogon, 131  
 Sarsiella, 269  
 Sacicava, 88  
 Scalaria, 80  
 Scalibregma, 281

Scaphella, 74  
 Scaphisoma, 174  
 Scaphodius, 198  
 Scatopse, 133, 350  
 Sceliodes, 115  
 Scelodolichus, 214  
 Sceloglaux, 29  
 Scenoploca, 112  
 Schauinslandica, 100  
 Schistocephalus, 310  
 Schizoglossa, 66  
 Schizoneura, 353  
 Schizoporella, 297  
 Schylus, 214  
 Sciacharis, 176  
 Sciara, 134  
 Scieropepla, 118  
 Sciocoris, 352  
 Sciomyza, 128  
 Scioiphila, 133  
 Scissurella, 83  
 Selerochilus, 268  
 Scolobates, 102  
 Scolopterus, 210  
 Scoloptethus, 222  
 Seember, 44  
 Scombresox, 49  
 Scoparia, 113  
 Scopodes, 150, 342  
 Scoriodycta, 124  
 Scorpæna, 42  
 Scorpis, 41  
 Scraptogenetus, 190  
 Scrupocellaria, 294  
 Scutellidium, 272  
 Scutuloidea, 263  
 Scutum, 84  
 Scydrenus, 175  
 Scymmus, 165  
 Scyphax, 265  
 Scyphoniscus, 265  
 Scythrodes, 140  
 Seyomonas, 333  
 Seba, 258  
 Sebastapristes, 42  
 Segestria, 237  
 Selaginopsis, 321  
 Selenopalpus, 190  
 Selidosema, 110  
 Semicassis, 75  
 Semicosma, 119  
 Semo, 225  
 Senopropopsis, 131  
 Sepia, 58  
 Sepimentum, 127  
 Sepiola, 58  
 Sepioteuthis, 58  
 Serangodes, 235  
 Sergestes, 254  
 Sericoderus, 174  
 Sericospilus, 140  
 Sericotrogus, 216  
 Seriola, 44  
 Seriolella, 44

Serolis, 263  
 Serpula, 282  
 Sertularella, 320  
 Sertularia, 320  
 Sesarma, 250  
 Sessinia, 190  
 Sestra, 111  
 Setella, 272  
 Setodes, 229  
 Sharpia, 191  
 Sibinia, 210  
 Siculodes, 115  
 Sierola, 99  
 Sigaus, 233  
 Signatella, 324  
 Silene, 156  
 Silphotelus, 175  
 Silvanus, 351  
 Simachus, 208  
 Simaethis, 122  
 Simocephalus, 266  
 Simulium, 133  
 Siphonaria, 68  
 Siphonalia, 72  
 Siphonophora, 353  
 Siphonosphæra, 339  
 Siphostoma, 52  
 Sipunculus, 285  
 Siriella, 256  
 Sitones, 352  
 Smittia, 297  
 Solarium, 79  
 Solaster, 292  
 Solegnathus, 52  
 Solenomya, 95  
 Solenophora, 227  
 Solenotellina, 89  
 Solidula, 69  
 Somatidia, 195  
 Somatochlora, 230  
 Sorensenella, 343  
 Soronia, 172  
 Sosgenes, 206  
 Spatula, 36  
 Sphaerium, 91  
 Sphaeroidina, 338  
 Sphaerophysa, 327  
 Sphasus, 244  
 Sphenodon, 40  
 Spenœcus, 28  
 Spheroma, 263  
 Sphindoteles, 161  
 Sphinx, 111  
 Sphyraena, 46  
 Sphyryna, 53  
 Sphyrión, 274  
 Spilomicrus, 98  
 Spilotroglia, 196  
 Spió, 145  
 Spiroloculina, 334  
 Spirosphera, 304  
 Spirostomum, 330  
 Spirostreptus, 235  
 Spirorbis, 282

Spirotropis, 70  
 Spirula, 58  
 Spongelia, 324  
 Spongilla, 323  
 Spongomonas, 333  
 Spondylus, 93  
 Spongiochiton, 86  
 Squaius, 54  
 Squilla, 256  
 Stachyodes, 316  
 Standella, 90  
 Staphilinus, 183  
 Startes, 178  
 Stathmopoda, 120  
 Stauracanthus, 339  
 Stauronereis, 279, 345  
 Steatoda, 240  
 Steenstrupia, 58  
 Steganoporella, 296  
 Stegsonia, 240  
 Stelospongi, 326  
 Stenellipsis, 195  
 Stenetrium, 264  
 Stenopotes, 193  
 Stenoperla, 230  
 Stenoptila, 115  
 Stenorhynchus, 247  
 Stenosmylus, 229  
 Stenothea, 260  
 Stentor, 330  
 Stephanomia, 317  
 Stephanopsis, 243  
 Stephanorhynchus, 209, 343  
 Stephonalia, 317  
 Stercorarius, 33  
 Sternia, 32  
 Sternagasta, 291  
 Sternaspis, 281  
 Sternopteryx, 50  
 Sternus, 347  
 Steropus, 147  
 Sterrononas, 332  
 Stethaspes, 140  
 Sthenelais, 277  
 Stichaster, 292  
 Sternaulax, 173  
 Stichopus, 286  
 Stichotricha, 328  
 Stigmatophora, 52  
 Stigmodera, 52  
 Stilbocara, 218  
 Stilbopsis, 208  
 Stiliger, 68  
 Stolephorus, 51  
 Stolotermes, 230  
 Stomoxys, 350  
 Stratotes, 252  
 Strepsicrates, 116  
 Stringops, 30  
 Stroniatopora, 299  
 Strombidium, 329  
 Strongylocentratrus, 288  
 Strongylosoma, 235  
 Strumigemys, 97

*Struthiolaria*, 75  
*Stygeopetes*, 199  
*Stygnohydrus*, 152  
*Stylarioides*, 281  
*Stylaster*, 318  
*Stylatrachus*, 339  
*Stylobryon*, 333  
*Stylocactus*, 255  
*Stylonictia*, 327  
*Stylotella*, 324  
*Styphotelus*, 205  
*Subemarginula*, 84  
*Sula*, 33, 39  
*Supercystis*, 299  
*Surcula*, 70  
*Suteria*, 63  
*Sus*, 347  
*Sycon*, 322  
*Syllectus*, 148  
*Syllis*, 276, 341  
*Sympedius*, 212  
*Sympetrum*, 230  
*Sympiestus*, 149  
*Sympiezocelus*, 215  
*Synapta*, 287  
*Syncalus*, 170  
*Syncoecus*, 348  
*Synthecium*, 321  
*Syntomactis*, 121  
*Syrphetodes*, 185, 342  
*Syrphus*, 130

*Temnopleurus*, 288  
*Temora*, 270  
*Tenagodes*, 76  
*Tenagomysis*, 256  
*Tenebrio*, 352  
*Tenebrioides*, 351  
*Tephrites*, 350  
*Terebella*, 280  
*Terebellides*, 280  
*Terebra*, 70  
*Terebratella*, 293  
*Terebratulina*, 293  
*Tessaromma*, 352  
*Testacella*, 348  
*Tetanocera*, 128  
*Tethya*, 323  
*Tethyopsis*, 323  
*Tethys*, 68  
*Tetrabothrius*, 311  
*Tetraclita*, 275  
*Tetradieion*, 258  
*Tetragnatha*, 240  
*Tetragoneura*, 134  
*Tetranychus*, 354  
*Tetrarhynchus*, 311  
*Tetraoreia*, 196  
*Textularia*, 336  
*Thalamita*, 249  
*Thalassicolla*, 339  
*Thalassogeron*, 35  
*Thalassohelix*, 64  
*Thalestris*, 271  
*Thallis*, 166  
*Thamnosara*, 119  
*Thaumatodon*, 61  
*Thelepas*, 280  
*Thelyphassa*, 190, 342  
*Theoxena*, 110  
*Therasia*, 63  
*Theridion*, 238, 354  
*Thersites*, 43  
*Thinornis*, 32  
*Thinosotia*, 112  
*Thiotrichia*, 118  
*Thoracophelia*, 280  
*Thoramus*, 157  
*Thorecta*, 326  
*Thorellia*, 270  
*Thortus*, 167  
*Thouarella*, 316  
*Thracia*, 87  
*Thrips*, 354  
*Thuiaria*, 320  
*Thurammina*, 335  
*Thuricola*, 329  
*Thurophora*, 328  
*Thylacosceles*, 121  
*Thynosotia*, 112  
*Thynnus*, 44  
*Thyrocypus*, 319  
*Thyrsites*, 43  
*Thysanozoon*, 306  
*Tigones*, 200  
*Tilina*, 331

*Timarete*, 280  
*Tinea*, 125, 350  
*Tinemya*, 137  
*Tineola*, 350  
*Titanomis*, 124  
*Tintinnidium*, 330  
*Tipula*, 136  
*Todarodes*, 58  
*Tomicus*, 219  
*Tormissus*, 152  
*Tormus*, 152  
*Tornatellina*, 59  
*Toreuma*, 317  
*Tornatina*, 70  
*Torpedo*, 53  
*Tortrix*, 117  
*Torymus*, 99  
*Toxochalina*, 325  
*Trachelocera*, 330  
*Trachelochismus*, 47  
*Trachelomonas*, 332  
*Trachelophyllum*, 331  
*Trachichthys*, 43  
*Trachurus*, 44  
*Trachyleberis*, 268  
*Trachypepla*, 119  
*Trachypterus*, 47  
*Trachyrhynchus*, 49  
*Trachyroplectron*, 232  
*Trachytetra*, 199  
*Traversia*, 29  
*Travesia*, 281  
*Tralia*, 66  
*Triæonyx*, 245  
*Tribolium*,  
*Trichocera*, 136  
*Trichodectes*,  
*Trichoniscus*, 265  
*Trichophaga*, 350  
*Trichophiticus*, 127  
*Trichophyra*, 327  
*Trichoplatus*, 247  
*Trichopteryx*, 167  
*Trichosia*, 134  
*Trichosoma*, 304  
*Trichosternus*, 145, 342  
*Trichosurus*, 347  
*Trichotopsis*, 79  
*Triforis*, 76  
*Trigla*, 45  
*Trigoniza*, 233  
*Trigonocidaris*, 288  
*Trigonometopus*, 128  
*Tringa*, 32  
*Trioza*, 225  
*Triphyllus*, 165  
*Triplax*, 166  
*Triplosaurus*, 147  
*Tripnestes*, 289  
*Tripterygion*, 46  
*Tristomum*, 308  
*Triteta*, 259  
*Trite*, 245  
*Trivia*, 75

Trochammina, 335  
 Trochilium, 350  
 Trochobola, 136  
 Trochodota, 287  
 Trochostoma, 287  
 Trochus, 81  
 Trogoderma, 163  
 Trogophilæus, 184, 342  
 Trogosita, 171  
 Trophon, 72  
 Tropidocera, 304  
 Trox, 354  
 Truncatulina, 338  
 Trypanoscyllis, 345  
 Tryphera, 126  
 Tryphon, 102  
 Tubicinella, 274  
 Tubiclavata, 318  
 Tubifex, 284  
 Tubucellaria, 296  
 Tubularia, 319  
 Tubulipora, 299  
 Tularthrium, 167  
 Turbo, 81  
 Turbonilla, 74  
 Turdus, 347  
 Turnagra, 27  
 Turritella, 76  
 Tursiops, 27  
 Tychanopais, 212  
 Tychanus, 211  
 Tylos, 265  
 Tympanopalpus, 197  
 Typhaea, 165  
 Tyrogetus, 176  
 Tyroglyphus, 354  
 Tyrus, 176  
 Tysius, 208

ULIODON, 238  
 Uloma, 186  
 Uломотипус, 186  
 Ulonotus, 168  
 Uniofera, 292  
 Upeneichthys, 41

Upogebia, 253  
 Uranotoenia, 138  
 Urocentrum, 329  
 Urodynamis, 29  
 Uroleptus, 328  
 Uronema, 330  
 Uropetala, 230  
 Uropoda, 246  
 Uroptychus, 252  
 Utethesia, 349  
 Uvella, 332  
 Uvigerina, 337

VAGINICOLA, 329  
 Vaginulina, 337  
 Vallonia, 349  
 Valvulina, 336  
 Vanessa, 103  
 Vanicella, 120  
 Veleta, 317  
 Venericardia, 93  
 Venerupis, 90  
 Venusia, 108  
 Vermicularia, 76  
 Vermilia, 282  
 Verneuilina, 336  
 Veronatus, 158  
 Veronicobius, 165  
 Vibilia, 256  
 Vidanus, 179  
 Virgularia, 316  
 Virgulina, 336  
 Vitacus, 169  
 Volsella, 94  
 Vorticella, 328  
 Vosmaeropsis, 322  
 Votum, 192  
 Vulpicula, 74

WAKEFIELDIA, 150  
 Walckenaera, 354  
 Walteria, 323  
 Webbina, 336  
 Whitea, 179

XANTHAGRION, 230  
 Xanthia, 104  
 Xantho, 248  
 Xantholinus, 183, 351  
 Xanthorhoe, 108  
 Xenanthribus, 221  
 Xenicus, 29  
 Xenocnema, 218  
 Xenogonus, 161  
 Xenophora, 79  
 Xenoscelis, 172  
 Xerostygnus, 343  
 Xesta, 65  
 Xestoleberis, 268  
 Xiphias, 43  
 Xiphidium, 231  
 Xiphocaris, 255  
 Xiphydria, 103  
 Xouthous, 271  
 Xuthodes, 193  
 Xylochus, 188  
 Xylostygnus, 140  
 Xyloteles, 194  
 Xysticus, 243

YPONOMEUTA, 122

ZABRONOTHUS, 148  
 Zapyrastra, 121  
 Zaus, 271  
 Zeacalles, 214  
 Zeadolopus, 342  
 Zeaglophus, 156  
 Zeamordella, 191  
 Zelandius, 179  
 Zenatia, 90  
 Zeopoecilus, 145  
 Zestocormus, 101  
 Zeus, 45  
 Ziphius, 26  
 Zolodinus, 186  
 Zolus, 148  
 Zoothamnium, 329  
 Zorion, 193  
 Zosterops, 28  
 Zygomyia, 134







